



2023

FINAL PROGRAM

OFFICIAL MEDIA PARTNERS



Access the
Official AMPP
Conference
App!



Scan QR Code

Only Trenton offers Wax-Tape® brand anticorrosion wrap systems, with primers, wraps and outerwraps.



Compatible with cathodic protection in protecting belowground fittings.



Effective solution for aboveground and belowground applications.



Advantageous in providing long-lasting protection to the corrosion vulnerable areas of tank chimes.

Wax-Tape® #1 **Anticorrosion Wrap:**

A very durable wrap that uses a thick, non-stitch bonded synthetic fabric and has no clay fillers, so it stays conformed to irregular profiles. The wrap requires no abrasion blasting, can be backfilled immediately and is compatible with cathodic protection.

Wax-Tape® #2 **Self-Firming Anticorrosion Wrap:**

A unique, microcrystalline-wax-saturated wrap that slowly firms up to provide excellent aboveground and belowground protection. Comes in a variety of colors and usually requires no outerwrap.

Wax-Tape® HT-3000 **High-Temperature Anticorrosion Wrap:**

Designed for operating temperatures up to 230°F (110°C), Wax-Tape® HT-3000 wrap can be used on high-temperature oil and gas piping, on compressor station discharge piping, beneath thermal insulation and in high ambient temperature conditions.

High-quality, easy-to-apply wraps that protect irregularly shaped fittings and require minimal surface preparation.

Come see us at booth #1135
March 20 - 22, 2023

TRENTON

ANTICORROSION MATERIALS

www.trentoncorp.com



Course 8-20:
Heavy coatings
Epoxy
Linings

Medium 16-40:
Heavy mill scale
Heavy rust
Medium coatings

Medium Fine 20-40:
Mill scale
Rust
Coatings

Fine 30-60:
Mill scale
Light coatings

Extra Fine 40-60:
Light rust
Light coatings

Want the best coating results? Slag size matters.

Black Magic® Coal Slag.
Different size grits give a different end result. For coatings to adhere correctly, tell us about what mill you need to get and we will recommend the best size for your project. We want the job done right, just like you.

**We deliver. On time.
Where you need it. When you need it.
Since 1990.**

Abrasives
INCORPORATED
Blast Media & Equipment • An Employee-Owned Company

**CALL OUR TEAM!
800-584-7524**

**www.AbrasivesInc.com
sales@AbrasiveInc.com**

**CONFERENCE & EVENTS
PROGRAM COMMITTEE**

CEPC CHAIR

Steven Reinstadtler
Covestro

CEPC VICE CHAIR

Rachelle Rigby
Remedy Asset Protection

CEPC MEMBERS

Jorge Canto
Corrosión y Protección

Patrick Cassidy
Elzly Technology Corp.

Barinder Ghai
Alleima

Shauntelle Hollet
Park Derochie

Kurt Lawson
Mears Group

Victoria Messina
Warren Environmental

Samantha Nelson
Carboline

Michael Pardo
S&B Engineers and Constructors

Dave Ramnarine
TOSL Engineering, Ltd.

Carol Rosler
Randolph Products Co.

Thomas (Andy) Shingledecker
Campos EPC

Gülnur Tok
Coatek Engineering

Harry Tsaprailis
Enbridge Employee Services Canada, Inc.

**RESEARCH COMMITTEE
VICE CHAIR**

Doug Hansen
University of Dayton

BOARD LIAISONS

Alison B. Kaelin
AB Kaelin LLC

Steve Biagiotti
Dynamic Risk Assessment Systems, Inc.

Table of Contents

AMPP Committees A4

Welcome LetterA7

AMPP Board of Directors A8

AMPP Global Center Board of Directors.....A10

GENERAL INFORMATIONA12

Shuttle ScheduleA12

AMPP Business Center.....A14

AMPP Donation DriveA14

Convention Center Accessibility.....A14

Corporate LoungeA14

Dress CodeA14

First Aid OfficeA14

Guest ProgramA14

Headshot StationA14

Information KioskA14

Lost and FoundA14

Mobile App & Virtual PlatformA15

Mother’s Room.....A15

Professional Development Hours (PDHs) StationA15

Press RoomA15

Conference ProceedingsA15

Publication BinsA15

Registration HoursA15

Speaker Ready RoomA15

Wi-Fi AccessA15

IUPAT Coatings LoungeA16

AMPP StoreA16

AMPP BoothA16

AMPP Sales OfficeA16

Table of Contents

POLICIES AND PROCEDURES	A18
Code of Ethics	A18
Anti-Harassment Policy	A18
Alcohol and Drug Policy	A18
Minor Policy	A19
Mobile Phone Policy.....	A19
Consent to Use of Images, Audio, and Video.....	A19
Right to Deny or Remove.....	A19
SESSION TYPES	A22
Program Color Legend	A22
PROGRAM SCHEDULE	A24
Sunday, March 19	A24
Monday, March 20	A32
Tuesday, March 21.....	A34
Wednesday, March 22	A43
Thursday, March 23	A51
Student Poster Session	A56
Awards and Recipients	A63
THE EXHIBITION	A70
Expo Schedule.....	A70
Monday to Wednesday Events	A70
Multi-Day Events.....	A71
Exhibitors	A76
MAPS	A130
Floor Plan	A130
INDEX	A136
Advertisers Index	A136





ADVANCE
PRODUCTS & SYSTEMS, LLC

www.apsonline.com
1-800-315-6009



**Casing Spacers
and
ApogeeAero® Rollers**



U-Bolt Cote® and
ATLAS
PIPE SUPPORTS



Complete Flange Protection

**Kleerband®
Flange Protector**

**Radolid® Nut & Bolt
Protection Caps**



**Integra Series
Severe Service Cathodic
Isolating Gaskets & Kits**



ISOJOINT™
EXCLUSIVE
Stocking Distributor

VISIT BOOTH# 1300 TO LEARN MORE



MESSAGE FROM THE CHAIRS



On behalf of the board of directors of AMPP and the AMPP Global Center, it is our pleasure to invite you to the second AMPP Annual Conference + Expo in Denver, Colorado. From informative programs and workshops to exhibits and networking, this conference brings you the very latest information on materials, corrosion and coating trends, best practices, and products.

AMPP's conference is our industry's largest and most comprehensive event and the ideal occasion to reconnect with old friends and network with industry peers. Whether you are focused on corrosion, coatings, materials, or seeing new technologies, you will find everything you need in one place.

An AMPP Annual Conference + Expo registration includes entry to:

- Informative symposia and standard committee groups led by industry experts;
- Lectures from industry's leading authorities;
- Featured keynote speaker Terry Bradshaw;
- Hundreds of exhibits;
- International participation from more than 60 countries;
- International partnerships and events with sister societies;
- Practical learning workshops;
- Leading-edge Research in Progress sessions;
- Hands-on coating and cathodic protection experiences;
- A Career Fair, featuring companies from several industry sectors;
- Standards development meetings;
- New AMPP awards honoring outstanding contributions, including three awards named for prominent women in the industry; and
- EMERG events and awards for the new generation of corrosion and coatings professionals.

And based upon feedback received after our March 2022 conference in San Antonio:

- We will have a students and young professionals track.
- We've almost doubled the number of forums, workshops, and information exchanges.
- We will launch AMPP Connect, a new hosted buyer program that fosters business relationships and partnerships.
- We've expanded exhibit hall hours to include an extra hour during the Expo Grand opening and we will be opening the hall earlier on Tuesday and Wednesday mornings.

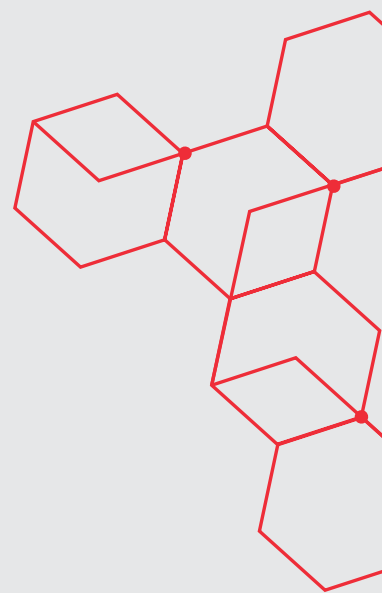
We encourage you to use your personal and professional networks to inform and invite far-reaching participation in this year's conference. Along with the boards and staff of AMPP, we look forward to welcoming you and meeting you in person within the listed detailed program and events during AMPP's Annual Conference + Expo 2023!

Sincerely,

Amir Eliezer
Chair, AMPP Board of Directors

Cris Conner
Chair, AMPP Global Center Board of Directors

W|e|l|c|o|m|e



AMPP Board of Directors

OFFICERS



Amir Eliezer
Chair 2023
CTO-TRYMER LTD
Beer-Sheva, Israel



Paul Vinik
Vice Chair 2023
GPI
Daytona Beach, FL



Sam Scaturro
Past Chair 2023
Alpine Painting &
Sandblasting Contractors
Patterson, NJ



Kristin Leonard
AMPP Global Center
Vice Chair—Ex Officio
The Sherwin-Williams
Company
July 2022–June 2023
Spring, TX



Bob Chalker
Chief Executive Officer
AMPP: Association
for Materials Protection
and Performance
Secretary—Ex Officio



Mitra Shahbaz
Chief Financial Officer
AMPP: Association
for Materials Protection
and Performance
Treasurer—Ex Officio



Helena Seelinger
Executive Director
AMPP: Association
for Materials Protection
and Performance



AMPP Board of Directors

DIRECTORS



Ross Boyd
TruQC, LLC
2021–2023
Kirkwood, MO



Doni Riddle
WDR Consulting, LLC
2021–2023
Chagrin Falls, OH



Steven R. Meyers
Endocrine Society
2023
Washington, D.C.



Paul Vince
WSP
2022–2024
Adelaide, Australia



Garry Manous
Atsalis Bros. Painting
2022–2024
Warren, MI



Michelle Lau
Mach 3 Engineering
Sdn. Bhd.
2022–2024
Subang Jaya, Malaysia



Guillermo Loayza
Setmix
2023–2025
Quito, Ecuador



Tom Weber
TWC Group
2023–2025
Houston, TX



Khalil Abed
Cortec Middle East
2023–2025
Dubai, UAE

RAFFLE GIVEAWAY!

Materials Performance, CoatingsPro Magazine, and CORROSION journal will be picking 3 lucky winners to take home some exciting prizes! Stop by the AMPP Media booth to see what you could take home.

Head over to the AMPP Media booth
and enter for your chance to win

Booth #1265



AMPP Global Center Board of Directors

OFFICERS



Cris Conner
Chair
Utility Service
July 2022–June 2023
St. Louis, MO



Kristin Leonard
Vice Chair
The Sherwin-Williams
Company
July 2022–June 2023
Spring, TX



Joyce Wright
Past Chair
Huntington Ingalls Industries—
Newport News Shipbuilding
July 2022–June 2023
Newport News, VA



Paul Vinik
AMPP Vice Chair—
Ex Officio
GPI
January–December 2023
Daytona Beach, FL



Bob Chalker
Chief Executive Officer
AMPP: Association for Materials
Protection and Performance
Secretary—Ex Officio



Mitra Shahbaz
Chief Financial Officer
AMPP: Association
for Materials Protection
and Performance
Treasurer—Ex Officio



Cindy O'Malley
Executive Director
AMPP Global Center
Chief Operating Officer
AMPP: Association for Materials
Protection and Performance



AMPP Global Center Board of Directors

DIRECTORS



Francisco Gudiel
LA DoT &
Development,
Materials, and Testing
Section
January 2021–June 2023



Juan Caballero
Naval & Industrial
Solutions S.A.
January 2021–June 2023
Panama City, Panama



Alison Kaelin
ABKaelin, LLC
January 2021–June 2023
Pittsburgh, PA



Ahren Olson
Covestro, LLC
January 2021–June 2023
Pittsburgh, PA



Roy Fultineer
Roberts Corrosion
Services, LLC
January 2021–June 2023
South Charleston, WV



Rolf Gubner
Consultant
January 2021–June 2023
Girrawheen, Australia



Kimberly-Joy Harris
Enbridge
January 2021–June 2023
Houston, TX



Cal Chapman
Chapman Engineering
January 2021–June 2023
Boerne, TX



Arcino Quiero
July 2021–June 2024
Virginia Beach, VA



Michael O'Brien
MARK 10 Resource
Group, Inc.
July 2021–June 2024
Richmond, VA



Greg Redick
Potomac Redan
Associates, LLC
July 2021–June 2024
Williamsburg, VA



Steve Cogswell
FINCANTIERI
Marine Systems
July 2021–June 2024
Jacksonville, FL



Aaron Williams
Blast Abrasives
Supply Sdn. Bhd.
July 2022–June 2025
Kuala Lumpur, Malaysia



Steve Biagiotti
Dynamic Risk
July 2022–June 2025
The Woodlands, TX



Laura Cardenas-
Schultz
WSP Canada
July 2022–June 2025
Vancouver, BC, Canada

Shuttle Information

Complimentary shuttle service is provided between the Colorado Convention Center and these hotels:

Shuttle Routes

HOTEL	ROUTE	SHUTTLE BOARDING LOCATION AT HOTEL
Embassy Suites Denver Downtown	Walk	Walk to Colorado Convention Center
Hampton Inn & Suites Denver Downtown	Walk	Walk to Colorado Convention Center
Hilton Denver City Center	2	Curbside on California
Homewood Suites Denver Downtown	Walk	Walk to Colorado Convention Center
Hyatt House Denver Downtown	Walk	Walk to Colorado Convention Center
Hyatt Place Denver Downtown	Walk	Walk to Colorado Convention Center
Hyatt Regency Denver Convention Center	Walk	Walk to Colorado Convention Center
Sheraton Denver Downtown Hotel	1	Across street from Main Entrance on Court PI
Sonesta Denver Downtown	Walk	Walk to Colorado Convention Center

Hours of Service

DATE	HOURS	FREQUENCY
Sunday, March 19	7 – 11 a.m.	Service every 30 minutes*
	11 a.m. – 5 p.m.	Service every 15–20 minutes
Monday, March 20	6:15 – 9:30 a.m.	Service every 15–20 minutes
	9:30 a.m. – 3 p.m.	Service every 30 minutes*
Tuesday, March 21	3 – 8 p.m.	Service every 15–20 minutes
	6:15 – 9:30 a.m.	Service every 15–20 minutes
Wednesday, March 22	9:30 a.m. – 3 p.m.	Service every 30 minutes*
	3 – 7 p.m.	Service every 15 minutes
Thursday, March 23	6:15 a.m. – 1 p.m.	Service every 15–20 minutes
	1 – 5:30 p.m.	Service every 30 minutes*

* Departs convention center every 30 minutes on the hour and half-hour. Schedule may vary due to traffic and weather conditions. Last bus leaves from hotels 60 minutes prior to end time with no return service.



For Shuttle Information & Special Assistance: **(310) 466-4699**

Please call at least 60 minutes prior to desired pick-up time.

Opening Reception

Colorado Convention Center
Sunday, 3/19 | 5 – 8 p.m.

Continuous shuttle between AMPP hotels on shuttle routes and the Colorado Convention Center

EMERGING Leaders Bash

Fillmore Auditorium
Tuesday, 3/21 | 4:30 – 11:30 p.m.*

30 minute shuttle service between ALL official AMPP hotels and the Fillmore Auditorium

*Last shuttle departs from Fillmore Auditorium at 11:30 p.m.

AMPP Honoree Night

Hyatt Regency Denver
Wednesday, 3/22 | 5:45 – 10:30 p.m.*

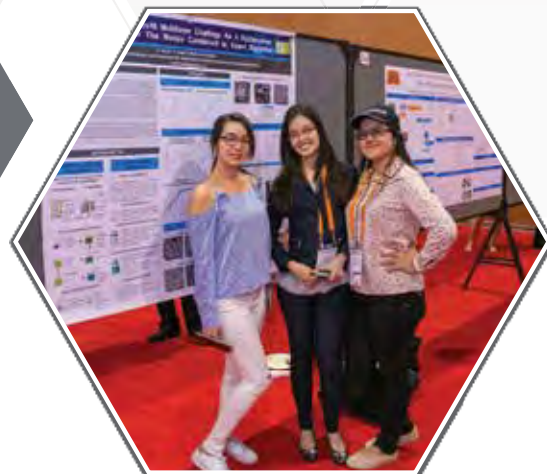
Continuous shuttle between select official AMPP hotels on shuttle routes and the Hyatt Regency Denver

*Last shuttle departs from Grand Hyatt at 10:30 p.m.

Transportation Managed By: Production Transport

2023 AMPP Annual Conference + Expo

Student & Young Professional (SYP) Activities



Schedule at a Glance

SUNDAY, MARCH 19

Arrive in Denver!

MONDAY, MARCH 20

8 – 9 a.m.	Student Poster Session Orientation (presenters only)* Travel Assistance Voucher Distribution
9 – 10 a.m.	EMERG General Student Meeting
10 – 10:45 a.m.	Personal Branding Workshop
10:45 – 11:30 a.m.	Resume Writing Interview Skills Workshop
11 a.m. – 3 p.m.	Student Poster Session set-up, Exhibit Hall, The Quad
11:30 a.m. – 1:30 p.m.	Leadership Development Training
5 – 8 p.m.	Exhibit Hall Opening Student Poster Session, Exhibit Hall, The Quad SYP Lounge open, Exhibit Hall, The Quad
8 – 11 p.m.	SYP Unplugged, Urban Putt Denver

All events Monday from Student Poster Orientation to Leadership Development Training are in the room below:
Convention Center, Room 110 & 112

*Mandatory events for Student Poster Session presenters

TUESDAY, MARCH 21

8 a.m. – 12 p.m.	Career Fair
8 a.m. – 5 p.m.	Headshot Station
9 a.m. – 5 p.m.	SYP Lounge Open, Exhibit Hall, The Quad
12 – 2 p.m.	Student Poster Session*
2 – 3 p.m.	Standards 101, AMPPiTheater 2
3 – 3:30 p.m.	De Nora presents Cutting Edge Technology of MMO Anodes, AMPPiTheater 2
3 – 5 p.m.	Coaching Sessions w/ Industry Experts (sign-up required), The Quad, SYP Lounge
7 – 11 p.m.	Scholarship Awards Ceremony and EMERGING Leaders Bash

WEDNESDAY, MARCH 22

9 a.m. – 5 p.m.	SYP Lounge Open, Exhibit Hall, The Quad
9 a.m. – 2 p.m.	Travel Assistance Distribution, Registration
12:30 – 1:30 p.m.	Student Poster Session Awards, Exhibit Hall, The Quad*
2 – 4 p.m.	Coaching Sessions w/ Industry Experts (sign-up required), The Quad, SYP Lounge

THURSDAY, MARCH 23

Last day at AMPP Annual Conference + Expo
See you in New Orleans in 2024!

Volunteer Opportunities @ AMPP Annual Conference + Expo

- Corrosion Toolkit (cKit™) Building Event, Exhibit Hall, Tuesday and Wednesday
- EMERG Student Camp for high school students, Wednesday
- Contact emerg@ampp.org if interested in volunteering

General Information

AMPP Business Center | E-Concourse

The Business Center is fully equipped to handle all your copying, printing, and scanning needs. Office supplies available for use. Office hours are open each day from 7:30 a.m. to 5 p.m. Sunday to Wednesday and 7:30 a.m. to noon on Thursday.

Certification Lounge | Room 202

As a valued member of the AMPP certified community, we have a special lounge setup just for you. All active certified individuals are welcome to come by and claim a free gift, put your feet up, enjoy a beverage and/or snack, and chat with the team. Certification staff will be on hand to answer questions and verify information around your certification, upcoming renewal, or anything else related to your credentials.

Certificate Lounge Hours:

Monday, March 20 9 a.m. to 5 p.m.

Tuesday, March 21 9 a.m. to 5 p.m.

Wednesday, March 22 9 a.m. to 5 p.m.

Conference Proceedings

Access, search, and download all conference proceedings online. If you purchased a Full Conference Registration or Student Registration, your complimentary online access to papers will be available starting April 25, 2023, at www.ampp.org. Click 'My Account' at the top of the webpage and select 'Downloadable Products' from the left menu. For those who did not purchase a Full Conference Registration pass, you may purchase the online proceedings at the rate of USD\$249 at the AMPP Store.

Convention Center Accessibility

Colorado Convention Center is committed to accommodating the needs of individuals with disabilities. The center complies with all ADA regulations. If you have any special requirements, please contact AMPP (customersupport@ampp.org) for additional assistance.

Corporate Lounge | Rooms 201 & 203

The Corporate Lounge offers corporate member representatives, from Affiliate and Associate corporate memberships, specialized services and an oasis for conducting business while at conference. Guests can reserve meeting rooms, check their email, or just relax between meetings.

Lounge Hours:

Sunday, March 19 7:30 a.m. to 5 p.m.

Monday, March 20 7:30 a.m. to 5:30 p.m.

Tuesday, March 21 7:30 a.m. to 5:30 p.m.

Wednesday, March 22 7:30 a.m. to 5:30 p.m.

Thursday, March 23 7:30 a.m. to noon

Dress Code

The dress code for all official conference activities is business casual.

First Aid Office | End of 500 Corridor

The first aid room contains essential first aid supplies, is staffed by first aid representatives, and will be available to all conference attendees during regular conference hours. If you experience or observe a medical emergency while at the Colorado Convention Center, call (303) 228-8030.

Guest Program

The Guest Program is a social program designed for the enjoyment of the guests of conference registrants. Guest program registration does not give attendees access to any technical symposia or standards committee meetings.

Headshot Station | F Concourse

Did you know that LinkedIn profiles with headshots get 21 times more views than profiles without a photo? Stop by the Headshot Station to update your look and professional profile anytime Tuesday between 8 a.m. to 5 p.m.

This is your opportunity to update your LinkedIn profile or web page bio (personal, corporate, non-profit) and make a lasting first impression!

Sponsored by



Information Kiosk | F Lobby

Need directions to your next meeting or have a question about the conference? AMPP staff will be available to help you navigate your way or answer general conference questions.

Lost and Found | Registration Desk in Main Lobby

Items that are found can be turned in to the Registration Desk.

Luggage Check | F Lobby

Coat and baggage check will be available in the F Lobby next to the AMPP Registration in the Colorado Convention Center.

Hours of Operation:

Sunday, March 19 7:30 a.m. to 5 p.m.

Monday, March 20 7:30 a.m. to 5:30 p.m.

Tuesday, March 21 7:30 a.m. to 5:30 p.m.

Wednesday, March 22 7:30 a.m. to 5:30 p.m.

Thursday, March 23 7:30 a.m. to 3 p.m.

General Information

Mobile App & Virtual Platform

The mobile app and virtual platform are synced as one. You can access the AMPP Annual Conference + Expo virtually through www.swapcard.com or using the conference mobile app. Full conference registrants receive complimentary access to the platform for on-demand content post event.



Mother's Room | A Lobby Near 100 Meeting Rooms

Nursing mothers may access this room to pump breast milk or nurse their children in a private and comfortable setting.

Professional Development Hours (PDHs) Station | A Lobby

Earn PDHs in technical meetings, forums, and symposia you attend. Print out your personalized PDH certificates at the PDH Station next to Registration.

For certificates, please log on to www.ampp.org/pdh. Search for or browse to select the sessions you attended, and then email or print your certificate! PDHs will be available online for six months after the conclusion of the conference, accessible from your AMPP profile. Certificates are based solely on the information provided to AMPP at the time of printing.

Sponsored by



Press Room | Room 606

Members of the working press may use the press room as a workspace Monday through Wednesday from 8 a.m. to 5 p.m. and Thursday from 8 a.m. to noon.

Any photographs or recording for radio, television, and online broadcasting is allowed unless a particular exhibitor, speaker, or presenter expressly prohibits it. Any crew member(s) accompanying a reporter for these purposes will also require a press badge.

Publication Bins | F Concourse

Complimentary issues are available from the following publications:

- BIC Alliance Magazine
- CoatingsPro Magazine
- Hydrocarbon Engineering Magazine
- Inspectioneering
- Materials Evaluation
- Materials Performance Magazine
- Naval Engineers Journal (American Society of Naval Engineers)
- World Pipelines Magazine

Registration Hours | F Lobby

Sunday, March 19.....	7 a.m. to 6:30 p.m.
Monday, March 20.....	7 a.m. to 6:30 p.m.
Tuesday, March 21.....	7 a.m. to 5 p.m.
Wednesday, March 22.....	7:30 a.m. to 5 p.m.
Thursday, March 23.....	7:30 a.m. to noon

Speaker Ready Room | Rooms 210 & 212

This room is available for presenting authors who would like to rehearse or preview their pre-submitted presentations (technical and research symposium authors only). An audio-visual company representative will be on hand to help upload chair-approved PowerPoints and address speakers' concerns.

Hours:

Sunday, March 19.....	7 a.m. to 5 p.m.
Monday, March 20.....	7 a.m. to 5 p.m.
Thursday, March 21.....	7 a.m. to 5 p.m.
Wednesday, March 22.....	7 a.m. to 5 p.m.
Thursday, March 23.....	7 a.m. to noon

Wi-Fi Access

Complimentary WiFi is available to all attendees in the exhibit hall and most common areas of the convention center. Please use the following to log in:

Wi-Fi Name: AMPP_2023

Password (case sensitive): iupat-fti

Sponsored by



General Information

AMPP Bookstore | A Lobby

The AMPP Bookstore has made it to Denver! Stop by to browse through the most extensive collection of publications dedicated to corrosion control and performance coatings. Can't wait to get your hands on some of the most talked about titles? This year you have the option to purchase bestselling and just-released titles onsite. If you prefer not to use valuable luggage space, our Print-On-Demand option will be available at the self-serve kiosk and the book will ship directly to you. Visit the AMPP Bookstore for an exclusive conference attendee discount!

Visit store.ampp.org or contact Customer Support, 1-800-797-6223 or +1 281-228-6223, for more information.

AMPP Booth | Booth #1065

The AMPP booth offers information on all things AMPP, including membership education and certification programs, the Quality Procedures (QP) Accreditation program, publications, conferences and events, industry information, standards, and more.

AMPP Sales Office | Behind AMPP Booth #1065

Looking to reach the decision makers in the global corrosion and protective coatings industries? The AMPP Sales Office provides you with marketing solutions. Get information on AMPP's upcoming events, media options, and much more.

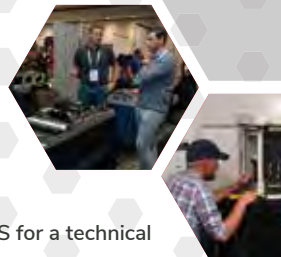
SAVE THE DATE AMPP Eastern Conference!

October 2-4, 2023 | Savannah, GA

Here's what's on tap for Eastern this year

- Network with more than 250 leading engineers, inspectors, technicians, and more in the coatings and corrosion industry.
- Discover the latest technologies and services addressing coatings and corrosion from 60+ companies.
- Earn 12 professional development hours to help advance your career.
- Attend multiple networking events.

AMPP is excited to bring together members from across the eastern region of the US for a technical program focusing on coatings and corrosion!



The DeSoto Savannah
Savannah, GA 31401



VISIT US AT
BOOTH 239
DURING THE 2023



Advanced solutions for tubing protection



PRODUCT

- Superior corrosion protection (AltorLines™)—high-grade stainless steel protection
- Minimal ID restriction—molds to the body of the pipe
- Pin end protection
- Extends the life of new or used OCTG
- Rethreading capable

PERFORMANCE

- High temperature and pressure resistance
- Environments: CO₂, Cl⁻, O₂, H₂S, etc.
- Hydraulic efficiency—low surface profile
- Deposit mitigation—asphaltene, resin, paraffin (ARPD), and scale
- Abrasion resistant



J-AREA PROTECTION

- Integrated J-Area protection
- Continuous protection throughout string
- No special torque requirements
- Designed to compress on makeup



CONNECT WITH US ON

LinkedIn

Altor-Solution.com

832-986-8859

Info@Altor-Solution.com

Policies and Procedures

Code of Ethics

THE FUNDAMENTAL PRINCIPLES

Members uphold and advance the integrity, honor, and dignity of the members' profession by:

- Using their knowledge and skill for the enhancement of human welfare.
- Being honest and impartial, and serving with fidelity to the public, their employers, and clients.
- Striving to increase the competence and prestige of the materials protection and performance profession.

THE FUNDAMENTAL CANONS

1. Uphold the safety, health, and welfare of the public in the performance of their professional duties.
2. Represent areas of competence and build reputation based on merit of services.
3. Strive for continuous professional development and foster development of others in field.
4. Serve in professional matters for AMPP, employer, and/or client as faithful agents or trustees and shall avoid conflicts of interest.
5. Members shall associate only with reputable persons or organizations.
6. Members shall issue public statements only in an objective and truthful manner.
7. Act with integrity and honesty in all professional endeavors and be forthcoming with concerns of unethical behaviors.
8. Foster behaviors of respect, value diversity of our members, staff, partners, customers, and suppliers, and strive to promote recognition and participation by individuals regardless of differences.
9. Harassment, including but not limited to cultural, religious, or sexual, by or against any employee, member, officer, director, or other volunteer, vendor, or customer; and such conduct will not be permitted or condoned.

Anti-Harassment Policy

AMPP is committed to providing an environment free of sexual harassment (which includes harassment based on gender, pregnancy, childbirth, or related medical conditions), as well as harassment based on such factors as race, color, religion, national origin, ancestry, age, physical disability, mental disability, medical condition, marital status, sexual orientation, gender identity, gender expression, workers' compensation leave, veteran status, or any other condition or characteristic protected by law. We expect all participants to abide by this Anti-Harassment Policy in all venues at AMPP Annual Conference + Expo, including ancillary events and official and unofficial social gatherings.

- Exercise consideration and respect in your speech and actions.
- Refrain from demeaning, discriminatory, or harassing behavior and speech. Be mindful of your surroundings and of your fellow participants.
- Alert AMPP staff if you notice harassment. If you are being harassed, notice that someone else is being harassed, or have any other concerns, please contact Lesley Martinez at +1 832-651-7229 onsite immediately.

Alcohol and Drug Policy

AMPP and the AMPP Global Center are committed to the health and well-being of its staff, members, customers, event participants, and vendors. This Policy addresses the availability and consumption of alcoholic beverages at AMPP-affiliated events. Those who choose to drink alcoholic beverages at AMPP-affiliated events are expected to do so legally and in moderation and are expected to act responsibly and behave professionally.

The sale or distribution of alcoholic beverages at any AMPP-affiliated event must be conducted through a licensed provider. Non-alcoholic beverages are required at all affiliated events at which alcohol is served. Alcohol should cease being served to allow for safe consumption before the designated time for close of the function. Non-alcoholic beverages may remain available at this time. Advertisements shall not highlight the availability of alcohol at any affiliated event. Advertising shall not promote consumption of alcohol.

International Communities are not covered under AMPP insurance programs and should conform to all applicable regulations. Appropriate insurance coverage is recommended. Those international Communities not explicitly covered under AMPP insurance programs must indemnify and hold harmless AMPP for any and all sponsored events where alcohol is distributed and consumed. For all affiliated events where alcohol is available, the sponsoring group will endeavor to establish agreements establishing reciprocal indemnification and hold harmless responsibilities and insurance requirements with the venue.

Any member, sponsor, vendor, or exhibitor at an affiliated event wishing to sell or distribute alcohol must conform to this Policy and any other directives made by AMPP staff.

The use of alcoholic beverages or other controlled substances by any member, sponsor, vendor, or exhibitor at an AMPP-affiliated event shall comply with federal, state, and local laws. Members, staff, vendors, and customers at AMPP-affiliated events shall conform to this Policy and all other applicable polices, including, but not limited to, the Code of Ethics and Health, Safety, and Risk Management, current versions of which are incorporated herein by reference.

Policies and Procedures

Individuals who violate this Policy may be subject to disciplinary procedures, including suspension or loss of membership and disbarment from future AMPP-affiliated events and/or other sanctions as deemed appropriate. Communities or other AMPP affiliates who violate this Policy may be subject to the disciplinary procedures, including, but not limited to, suspension or loss of affiliation and disbarment from future affiliated events and/or other sanctions as deemed appropriate by the Association or Center Board of Directors. Violations of this Policy may be addressed by the Association or Center Board of Directors or the Ethics and Professional Practice Committee, at its sole discretion.

Minor Policy

Children under the age of 15 are not permitted in the Expo, meetings, and technical presentations. Children over the age of 15 must be registered as guests and always wear badges while in the convention center. To accommodate nursing mothers, the following will apply:

1. Expo attendance: Nursing infants will be allowed in the Exhibit Hall during show hours only and must always be carried by a registered AMPP attendee either in his or her arms or in a front baby carrier (NO STROLLERS PERMITTED). Everyone who attends the exhibition must be registered and have a badge. Badges for minors 15 and older are free and available onsite at the registration desk. Minors between 15 and 18 years of age must be accompanied by an adult at all times. Guardians are asked to help maintain a professional, disturbance-free exhibition environment.
2. Meetings and technical presentations: To provide all AMPP attendees an optimal learning environment, minors and guests are not permitted in technical presentations. Those attending these sessions must be registered for the conference and show the appropriate badge.
3. Exhibitors: Exhibitor booth staff must be registered as such and be 15 years of age or older. The nursing infant rule does not apply to exhibitors. No child under the age of 15 may be in an exhibit booth during setup, tear-down, or show hours. Anyone in violation of these rules will have their booth closed and will not be provided a refund.
4. Strollers and rolling carts are not allowed in the Exhibit Hall at any time.
5. Childcare is not available at the convention center; however, your hotel concierge may be able to assist you. Please note that AMPP has no affiliation with these services.

Mobile Phone Policy

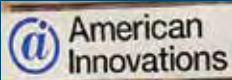
As a courtesy to the speakers and your fellow attendees, please turn off all mobile phones during meetings and sessions.

Consent to Use of Photographic Images, Audio and Video Recordings

Attendance at or participation in AMPP Annual Conference + Expo and other activities constitutes an agreement by the registrant to AMPP's use and distribution of the registrant's image or voice in promoting future AMPP events in any way AMPP deems appropriate.

Right to Deny or Remove

We reserve the right to deny registration or admission to or remove any party from the conferences and expo, at our sole discretion.



FIELD DATA COLLECTION
REMOTE MONITORING
COMPLIANCE SERVICES



FIVE finalists for the MP Corrosion Innovation of the Year Awards

See us in booth

1207



New PHMSA Mega Rule Solutions

The All-New Bullhorn RM5

aiworldwide.com/bullhorn

Day-At-A-Glance

All meetings will be held at the Colorado Convention Center unless otherwise indicated. Click on the provided QR code to access the app and see the individual paper listing.

SUNDAY	MONDAY	TUESDAY		
Programming Begins 8 a.m. – noon Rooms 100's – 700's	Programming Continues 8 a.m. – noon Rooms 100's – 700's	9 – 10 a.m. Exhibit Hall		
Lunch Break	Lunch Break	<table border="1"> <tr> <td> Programming Continues 8 a.m. – noon Rooms 100's – 700's </td> <td> Exhibit Hall Activities Begin 9 a.m. – noon Exhibit Hall </td> </tr> </table>	Programming Continues 8 a.m. – noon Rooms 100's – 700's	Exhibit Hall Activities Begin 9 a.m. – noon Exhibit Hall
Programming Continues 8 a.m. – noon Rooms 100's – 700's	Exhibit Hall Activities Begin 9 a.m. – noon Exhibit Hall			
Programming Continues 1 – 5 p.m. Rooms 100's – 700's	Programming Continues 1 – 3:30 p.m. Rooms 100's – 700's	Lunch in the Exhibit Hall		
	Keynote with Terry Bradshaw 3:30 – 4:30 p.m. Four Seasons 3 – 4	<table border="1"> <tr> <td> Programming Continues 1 – 3:30 p.m. Rooms 100's – 700's </td> <td> Exhibit Hall Activities Begin 1 – 5 p.m. Exhibit Hall </td> </tr> </table>	Programming Continues 1 – 3:30 p.m. Rooms 100's – 700's	Exhibit Hall Activities Begin 1 – 5 p.m. Exhibit Hall
Programming Continues 1 – 3:30 p.m. Rooms 100's – 700's	Exhibit Hall Activities Begin 1 – 5 p.m. Exhibit Hall			
	MP Innovation Awards 4:45 – 5 p.m. Lobby of Exhibit Hall			
Programming Continues 1 – 5 p.m. Rooms 100's – 700's	Exhibit Hall Grand Opening 5 – 8 p.m. Exhibit Hall	EMERG Scholarship Awards Ceremony 7 – 8 p.m. Fillmore Auditorium		
		*EMERGING Leaders Bash 8 – 11 p.m. Fillmore Auditorium		

WEDNESDAY		THURSDAY
Programming Continues 8 a.m. – noon Rooms 100's – 700's	Exhibit Hall Activities Begin 9 a.m. – noon Exhibit Hall	Programming Continues 8 a.m. – noon Rooms 100's – 700's
*Leadership Lunch: Diversity, Equity, and Inclusion: More than the Right Thing to Do noon – 1:30 p.m. Room 205	CoatingsPro's 2023 Contractor and AMPP Project Awards 3 – 4:30 p.m. PCW Area	
	Lunch Break	Lunch Break
Programming Continues 1 – 5 p.m. Rooms 100's – 700's	Exhibit Hall Activities Begin 1 – 5 p.m. Exhibit Hall	Programming Continues 1 – 5 p.m. Rooms 100's – 700's
	Harley Giveaway Drawing 4:30 – 5 p.m. Exhibit Hall	
*Honoree Night 6 – 10 p.m. Hyatt Regency Denver — Capitol Ballroom		End of Show See you in New Orleans March 3–7, 2024!












- Programming
- Awards Ceremonies
- Networking
- Exhibit Hall Activities

*Tickets must be purchased

Conference Terminology

The information in the program is correct as of Jan. 31, 2023; check the app for current updates.

PROGRAM COLOR LEGEND

-  Administrative/Other
-  AMPPiTheater
-  Contractor-Focused Sessions
-  Forum
-  Informational Session
-  Networking
-  Symposia, RIP, RTS
-  Student Activities
-  Standards Committee/ISO
-  Technical Communities of Interest
-  Workshops

Administrative Meetings

Members of administrative committees meet to discuss and plan for various functions of AMPP. These committees are made up of AMPP members, with a staff liaison from headquarters and other staff members.

Contractor-Focused Sessions

Forums, sessions, and meetings that are most applicable to industrial and commercial coatings contractors on topics such as surface preparation, inspection, and materials.

AMPPiTheater

These are unique presentations on materials protection through corrosion control and protective coatings. This mini auditorium in the Exhibit Hall will feature industry leaders and AMPP staff.

Forums

These are often informal panel discussions with opportunities for questions and answers that are focused on a certain topic.

ISO meetings

AMPP administers six ANSI-accredited U.S. Technical Advisory Groups (TAGs) to International Organization for Standardization (ISO) technical committees. The TAGs review drafts of ISO standards and submit the U.S. vote.

Informational Sessions

A forum for the presentation of information and ideas for discussion without the requirement of a formal paper.

Networking

These are social events geared to the exchange of information in an informal setting.

Other Meetings

These are meetings that do not fall under any of the meeting types listed here, or under any broad heading.

Research in Progress (RIP)

Research in Progress (RIP) symposia provide a forum for the presentation of information and ideas derived from current or recently completed research and provide opportunities for discussion.

Research Topical Symposia (RTS)

The RTS provide a forum for presentation and discussion of corrosion and coatings topics that are of significant business impact but cannot be resolved because of gaps in scientific understanding. The specific objective is to span the communications gap.

Student Activities

Sessions and activities dedicated to students and young professionals

Standards Committee Meetings

AMPP Standards Committees establish internationally recognized standards for coatings and corrosion prevention and mitigation in many industry sectors, utilizing an ANSI-accredited consensus development process.

Technical Communities of Interest (TCI)

The AMPP Technical Communities of Interest host information exchanges that provide participants with an opportunity to learn about new and emerging technologies, stay up to date on current best industry practices, and identify what challenges other stakeholders are having within the industry in a specific subject matter.

Peer-Reviewed Symposia

These are formal technical sessions in which authors of the technical conference papers present their work. Symposia allow you to hear the latest industry knowledge and methods before it's available in popular literature. Authors explain how their work will help advance and provide innovative technologies to the coating and corrosion industries.

Workshops

These are sessions that impact specific, practical knowledge on a single subject.

AXXIOM MANUFACTURING- WWW.AXXIOMMFG.COM- 1-800-231-2085

BAABS

BLASTING ACCESSORIES & ASSIST BRACKET SYSTEM



Long Rail w/ Pneumatic 3-position
G3 Deadman with Abrasive Cutoff

Visit us in booth number
1239 to learn more

SCAN ME



Visit our website
www.axxiommfg.com to learn more
about BAABS and other products.



Sunday, March 19

All meetings will be held at the Colorado Convention Center unless otherwise indicated. Click on the provided QR code to access the app and see the individual paper listing.

PROGRAM COLOR LEGEND

- A Administrative/Other
- AT AMPPiTheater
- C Contractor-Focused Sessions
- F Forum
- I Informational Session
- N Networking
- S Symposia, RIP, RTS
- SA Student Activities
- SC Standards Committee/ISO
- T Technical Communities of Interest
- W Workshops

T Linings, Immersion, and Buried Service Information Exchange (TCI)

8 a.m. to 10 a.m. | Room 407

SC MR0175/ISO 15156 Maintenance Panel

8 a.m. to noon | Rooms 104 & 106

C W Coatings 101 Workshop

8 a.m. to noon | Rooms 401 & 402

Presented by: Charles Brown, Mike Basse, and Chris Farschon, Greenman-Pedersen, Inc.

This workshop is for those individuals who want to get a basic understanding of a typical protective coatings project, from understanding the need for a project to the unique challenges faced in the industrial coatings industry.

I Electrochemical Techniques for Measuring Corrosion

9 a.m. to 5 p.m. | Room 506

Presented by: Jeremy Moloney, ChampionX; Fernando Farelas, Luna Innovations; Jacob Ketter, Gamry Instruments; Bruce Brown, Institute for Corrosion and Multiphase Technology; Lietai Yang, Corr Instruments, Inc.; Junsoo Han, Sorbonne Université; Kyle Moler, Luna Labs; Liam Agnew, Luna Labs

The primary objectives of this session are (1) To increase the understanding of some of the subtle issues that arise when using electrochemical techniques in corrosion and corrosion

control (2) To facilitate effective use of electrochemical techniques for corrosion measurement and monitoring.

A Membership Program Committee

9 a.m. to noon | Room 703

A Standards Program Committee

9 a.m. to 4 p.m. | Room 108

N Darrel D. Byerley & Phil Calvo Memorial Golf Tournament

9 a.m. to 4 p.m. | City Park Golf Course

Enjoy a relaxing day of golf, while networking with other conference attendees, and take in the panorama of the downtown Denver skyline! City Park Golf Course offers an urban parkland style course, with intricate water features, elevation changes, and a variety of green complexes sure to challenge any golfer!

Signature Sponsor:



Signature Sponsor:



Beverage Cart Sponsor:



Door Prize Sponsor:



Station Sponsors:

Farwest
Titan Corrosion Services

Longest Drive Sponsors:

Alpine Painting &
Sandblasting
Polyguard

Closest to the Pin Sponsors:

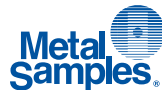
Alpine Painting &
Sandblasting
Trenton

Pin Flag Sponsors:

Alpine Painting & Sandblasting
B&N Coating and Weld
Inspection
B&W Distributors
Carboline
Champion X
Dairyland Electrical Industries
EIU
Highlight Ridge
Matcor
Mesa Products
Sensometer
Rockguard
Tom Taylor Corrosion
Consulting

Thank You to Our Sponsors

as of 1/31/2023



Visit ace.ampp.org or contact sales@ampp.org for sponsorship opportunities.

Sunday, March 19

All meetings will be held at the Colorado Convention Center unless otherwise indicated. Click on the provided QR code to access the app and see the individual paper listing.

A MP Editorial Advisory Board

10 a.m. to noon | Room 604

T Atmospheric Coatings Information Exchange (TCI)

10 a.m. to noon | Room 407

A Advocacy and Public Affairs Program Committee

10 a.m. to noon | Room 102

A Conferences & Events Program Committee

10 a.m. to noon | Room 206

S Measurement and Simulation of Atmospheric Corrosion Through Modeling and Controlled Exposures

10 a.m. to 5 p.m. | Room 601

Chair: Raymond Santucci, Naval Research Laboratory |
Vice Chair: Brandi Clark, Luna Innovations

This symposium features technical papers on the significant economic and social costs of atmospheric corrosion. Reducing these impacts requires, in part, an understanding of the physicochemical interactions between the environment and a material that result in the degradation of relevant properties, techniques to impede these interactions or minimize their effects, and engineering principles that apply a multi-disciplinary approach to designing corrosion-resistant structures, transportation systems, or other high value assets. Paper topics may include, but are not limited to: corrosion model development, refinement, validation, or application to product or material design, characterizing or improving controlled atmospheric corrosion exposures, including test methods and corrosion measurement and characterization techniques, and material development for enhanced corrosion resistance.

S Internal Corrosion

10:30 a.m. to 5:30 p.m. | Rooms 709 & 711

Chair: Mohsen Achour, ConocoPhillips | Vice Chair: Moavin Islam, Chevron

This symposium will be discussing Internal Corrosion Mechanisms or failures.

A Publications Program Committee Meeting

1 to 3 p.m. | Room 604

A Latin America Area Task Force

1 to 3 p.m. | Room 701

A Northern Area Task Force

1 to 3 p.m. | Room 703

A Western Area Task Force

1 to 3 p.m. | Room 701

S Control of H₂S and Mercaptans

1 to 3:30 p.m. | Room 505

Chair: Zhengwei Liu, Baker Hughes | Vice Chair: Jose Vera, DNV GL USA

This symposium features technical papers on the control of H₂S and mercaptans in oilfields. This can include scavenging mechanism study, new scavenger chemistry/product development, field application experiences, and development on scavenging equipment/process.

F Corrosion and Green Energy

1 to 4 p.m. | Room 708

Presented by: Jon H. Brasher, Ovante, LLC and Graig Cilluffo, Cornerstone Corrosion Consulting

Sources of sustainable energy generation, transmission, distribution, and storage are not immune to damage from corrosion. This workshop will provide a forum for presentation of corrosion problems, solutions, and mitigation strategies.

T Reactive Metals Information Exchange (TCI)

1 to 4 p.m. | Rooms 610 & 612

T TC 01 Coatings Technical Committee

1 to 3 p.m. | Room 407

C **S** Surface Preparation

1 to 4 p.m. | Room 405

Chair: Loren Hatle | Vice Chair: Robert Wissinger, Sherwin-Williams Co.

This symposium features technical papers on the appropriate tools and preparation methods prior to coatings application. Topics may include solvent cleaning, hand-tool cleaning, power-tool cleaning, abrasive blast cleaning, water jetting, recognizing and repairing surface imperfections, recognizing and removing surface contaminants and assessing surface cleanliness. Work that covers water-soluble salts and their impacts at the substrate/coating interface that can cause premature failure are also encouraged.

Sunday, March 19

All meetings will be held at the Colorado Convention Center unless otherwise indicated. Click on the provided QR code to access the app and see the individual paper listing.

TG 299 – MR0175/ISO 15156 Oversight Committee

1 to 4:30 p.m. | Rooms 104 & 106

Digital Asset Transformation: Application of Data Science and Analytics for Corrosion Management

1 to 5 p.m. | Rooms 710 & 712

Chair: Mustafa Kara, Chevron | Vice Chair: Jason Moral, Kinder Morgan

This symposium features technical papers on new developments, and technologies to capture data, contextualize data, and visualize data in asset integrity management. Presentations may include lessons learned, solutions, information of things, digital twins, data prioritization, and integration.

Proper Use of Coatings Inspection Instruments Workshop

1 to 5 p.m. | Rooms 401 & 402

Presented by: Peter Ault, Lake Barrett, Kimmer Cline, Bill Corbett, Jay Helsel, Rick Huntley, Robert Leggat, Valerie Sherbondy, KTA-Tator Inc.

Ideally suited for those interested in learning the basics of instrument use and for those pursuing AMPP Coating Inspector Certification, this basic workshop is modeled after the successful Coatings Inspection Instrument Use Workshop conducted at many SSPC Coatings+ conferences, and at AMPP 2022. The workshop introduces participants to the primary inspection instruments and visual guides used on a typical coatings project. It features a hands-on lab composed of 10 stations where participants work in teams and use the gages and visual guides on sample substrates.

STI/SPFA Field Erected Steel Water Storage Tank Seminar

1 to 5 p.m. | Room 702

Presented by: Tim O'Toole, Steel Tank Institute/Steel Plate Fabricators Association; Fred Ruinen, Fisher Tank Company; Brad Veath, CB&I; Chip Stein, Tank Industry Consultants; Kevin Gallagher, Caldwell Tanks; Randy Moore and Brian Cheshire, Tnemec; and Katie Duda, Seal for Life

The STI/SPFA Field Erected Steel Water Storage Tank Seminar for consulting engineers, municipality and utility administrators, and water storage tank owners and operators, has been completely updated, featuring new, important topics and content. Topics covered include: Review of Aboveground Potable Water Tank Styles, Site Location Selection, Overview of Related AWWA Standards and Manuals of Practice, Tank Design, Construction, and Inspection, Coating Systems Selection and Inspection, Overcoat vs. Removal and Replacement of Coating Systems, Maintenance and Asset Management Programs to Optimize Life-Cycle Cost. This four-hour seminar will feature specific case

studies and examples highlighting the application of all applicable AWWA Standards and Manuals of Practice relating to potable steel water storage tank design, construction, maintenance, and asset management. Attendees will have opportunities to ask questions of the experienced and knowledgeable subject matter experts throughout the program and during a panel discussion.

Mineral Scales: Causes, Cases, and Control

1 to 5:45 p.m. | Room 603

Chair: Zahid Amjad, Walsh University | Vice Chair: Tao Chen, Aramco

This symposium will feature technical papers that present advances in understanding of the fundamentals of mineral scales formation and control in industrial systems. The focus is on end-user experiences from the process industries such as chemical processing, oil and gas, desalination (membranes-based and thermal), power generation, pulp and paper, pharmaceutical, geothermal, and power generation. Papers will address strategies to control mineral scales with new inhibitors and may also include development and application of new scale dissolving agents.

Non-Metallics for Chemical and Mineral Processing and Oil and Gas Production

1 to 5:45 p.m. | Room 507

Chair: Michael Stevens, INEOS Composites | Vice Chair: Marilee Coleman, Enduro Composites Inc.

This symposium will focus on technical papers that discuss the use of polymer-based materials in chemical, mineral processing, oil and gas applications to control corrosion.

Performance of Galvanic Anodes and Galvanic Cathodic Protection Systems in Reinforced Concrete Infrastructure

1 to 5:45 p.m. | Rooms 704 & 706

Chair: David Whitmore, Vector Corrosion Technologies | Vice Chair: Ivan Lasa, Greenman-Pederson, Inc.

This symposium features technical papers on the performance of galvanic anodes and galvanic cathodic protection systems in reinforced concrete infrastructure. Galvanic anodes are used to provide cathodic prevention and cathodic protection of reinforcing steel in concrete. Papers which document long term studies and field installations, performance of new galvanic anodes and updates to existing galvanic protection systems may be included.

Education Program Committee Meeting

2 to 4 p.m. | Room 102

China Area Task Force

3 to 5 p.m. | Room 703

Sunday, March 19

All meetings will be held at the Colorado Convention Center unless otherwise indicated. Click on the provided QR code to access the app and see the individual paper listing.

A **Conferences & Events Program Committee**

3 to 5 p.m. | Room 604

T **Corrosion Under Insulation and Passive Fire Protection Information Exchange (TCI)**

3 to 5 p.m. | Room 407

A **General Membership Meeting**

4:30 to 5 p.m. | Room 708

N **Opening Reception**

5:30 to 7 p.m. | Four Seasons 3 & 4

The Opening Night Reception kicks off AMPP's Annual Conference + Expo, as attendees and exhibitors interact over drinks and hors d'oeuvres. Drink tickets will be provided at registration. This reception is cosponsored by Carboline and AMPP. The two organizations are bound together by a common vision of corrosion prevention, environmental preservation, and education.

Sponsored by



Monday, March 20

All meetings will be held at the Colorado Convention Center unless otherwise indicated. Click on the provided QR code to access the app and see the individual paper listing.

F EPA Seminar: Intelligent Corrosion Control

7 to 10 a.m. | Virtual: Refer to the app for additional details

Presented by: Bei Gu, AMPP

With staggering and increasing corrosion losses globally, stronger, smarter yet more sustainable technologies are being needed for corrosion mitigation and control. For instance, smart materials have received wide interests for the development of next-generation surfaces and coatings capable of sensing corrosion and healing damages with minimal human intervention. On another front, intelligent machine learning approaches begin to demonstrate their power to better diagnose complex corrosion problems and more efficiently design corrosion-resistant materials. Following the successes last two years, EAPA seminar at AMPP Annual Conference + Expo will continue to focus on the topics relevant to Intelligent Corrosion Control, including smart materials for corrosion protection, sensors and devices for corrosion monitoring and inspection, and corrosion modelling and prediction.

SA Student Poster Orientation

8 to 9 a.m. | Rooms 110 & 112

N Guest Program Breakfast

8 to 9:30 a.m. | Hyatt Regency, Mineral A

Guest Breakfast is for individuals that purchase the Guest Program Registration only and are not for attendees to the conference.

S Geothermal Scaling and Corrosion

8 to 11:30 a.m. | Rooms 503 & 504

Chair: Keith Lichti, Quest Integrity NZL Ltd. | Vice Chair: Sigrun Karlsdottir, University of Iceland

This symposium features technical papers on geothermal system scaling and corrosion. The aim is to promote discussion of scaling and corrosion in geothermal energy systems. Papers will provide insight on the impact of production, process and reinjection conditions on materials and process efficiency.

S High Temperature Applications – Research in Progress (RIP)

8 to 11:30 a.m. | Rooms 709 & 711

Chair: Rajeev Gupta, North Carolina State University | Vice Chair: David Shifler, Office of Naval Research

This RIP symposium will cover recent advances made in understanding high-temperature oxidation and corrosion and developing materials for high-temperature applications. The topics include high-temperature material degradation issues in clean energy generating systems, hot corrosion, CMAS attack, metal dusting, sulfidation, thermal barrier coatings, environmental

barrier coatings, corrosion-resistant materials, and molten salt corrosion.

S Biomedical Environments – Research in Progress (RIP)

8 to 11:30 a.m. | Room 505

Co-chairs: Brad Krantz, Corrosion Testing Labs, and Liz Trillo, Southwest Research Institute

This RIP symposium will cover advancements in the biomedical field with respect to biomaterials/device corrosion, degradation, and biocompatibility. Topics of interest include, but not limited to emerging materials (e.g., biodegradable alloys), fretting corrosion (e.g., orthopedic joints), device interaction with the biological environment, implant retrieval analysis, novel corrosion evaluation methods, electrochemical techniques in biosensors and active implants, and surface treatments to modulate implant degradation. Presentations will focus on recent advances in corrosion of implants and will span a wide range of product application areas such as cardiovascular, orthopedic, neurological, and dental devices and biomaterials.

A Central Area Task Force

8 to 10 a.m. | Room 701

A European Area Task Force

8 to 10 a.m. | Room 602

T O-MPI Standards Community Meeting – Group 10 - 500 Series Community of Interest

8 to 10 a.m. | Rooms 610 & 612

S Gaseous Hydrogen Embrittlement

8 to 11 a.m. | Room 601

Chair: Marco De Marco, Italian Institute of Welding | Vice Chair: Marco Palombo, Italian Institute of Welding

This symposium features technical papers on the study of the hydrogen-metal interaction related to the mechanical properties (e.g., resistance, toughness) of the main alloys used in services which involve the treatment, storage, and transport of hydrogen in gaseous form at different operating conditions in traditional and sustainable energy industries.

T Oil & Gas Corrosion & Scale Inhibition – Drilling & Production Information Exchange (TCI)

8 a.m. to noon | Rooms 501 & 502

Monday, March 20

All meetings will be held at the Colorado Convention Center unless otherwise indicated. Click on the provided QR code to access the app and see the individual paper listing.

Corrosion in Supercritical Systems

8 a.m. to noon | Rooms 705 & 707

Chair: Bjorn Morland, Institute for Energy Technology (IFE) | Vice Chair: Yuan Ding, Texas A&M University

This symposium will feature technical papers that address the measurement or assessment of corrosion in any supercritical system, including supercritical water and supercritical carbon dioxide.

Military Coatings and Corrosion

8 a.m. to noon | Room 407

Chair: Patrick Cassidy, Elzly Technology Corp | Vice Chair: Charles White, NSWC Carderock

This symposium features technical papers on controlling corrosion in the military sector, whether that is thru material selection, design, coatings, or cathodic protection.

Technical Program Committee

8 a.m. to 1 p.m. | Room 604

Progress in Laboratory Testing of Corrosion Inhibitors for Oil Field Application

8 a.m. to 2 p.m. | Room 603

Chair: Juan Dominguez Olivo, Northern Technologies International Corporation | Vice Chair: Zineb Belarbi, National Energy Technology Laboratory

This symposium features technical papers on the following issues: Novel techniques and methodologies for evaluation of corrosion inhibitors in the lab, lessons learned - practical aspects and challenges encountered when using established evaluation methods and techniques, factors affecting quality of laboratory data, challenges associated with quantitative evaluation of localized corrosion, development of formulations for high temperature corrosion, challenges and gaps in lab-field transference.

Corrosion Resistant Alloy Development and Applications

8 a.m. to 2 p.m. | Room 507

Chair: Narasi Sridhar, MC Consult LLC | Vice Chair: Vinay Deodshemukh, Haynes International, Inc.

This symposium is focused on the development of corrosion resistant alloys using new concepts, the application of these alloys in different industries, characterization of corrosion resistance using a variety of techniques, and life prediction models. Topics such as new alloy formulations, the use of atomic or other materials modeling techniques to develop new alloys, multi-principal element alloys for corrosion applications,

alloy cladding or coatings, and failure analysis involving corrosion resistant alloys.

Corrosion Under Insulation

8 a.m. to 2 p.m. | Rooms 403 & 404

Chair: Ahmad Raza Khan Rana, Integrity Products & Services Inc. | Vice Chair: George Jarjoura, Dalhousie University

This symposium includes technical papers on CUI (corrosion under insulation) which is a driver behind 10% of overall maintenance spending in a typical oil refinery and the reason behind 40–60% of piping failure. This symposium may include papers that address the aspects of CUI and associated external damage mechanisms (e.g., SCC) for thermally insulated piping, equipment, tanks, pipelines, etc. The papers may include (but are not limited to) the testing, pilot trials, case histories, R&D results for various materials (thermal insulations, metals, jacketing etc.) inspection/ NDE tools, as well as preventive measures such as coating, cathodic protection, moisture barrier, etc.

Erosion Management – Challenges and Solutions

8 a.m. to 3 p.m. | Rooms 605 & 607

Chair: Ardjan Kopluku, BP | Vice Chair: Siamack Shirazi, The University of Tulsa

This symposium features technical papers on how to plan, execute and monitor erosion management. What are the challenges, the present solutions, and the gaps?

Advances in Materials for Oil and Gas Production—Day 1

8 a.m. to 3:30 p.m. | Four Seasons 4

Chair: Julio Maldonado, Chevron | Vice Chair: Eric Caldwell, GATE Energy

This symposium will present advances in materials technology and research. Focus is on new and improved metallic materials and applications. This includes consideration and measurement of the material's performance in its employed exposure environment.

Anodic and Cathodic Protection—Day 1

8 a.m. to 3:30 p.m. | Rooms 704 & 706

Chair: Daniel Fingas, Corrosion Service Co., Ltd. | Vice Chair: Spencer Easthope, Transmountain Pipeline

This symposium includes technical papers regarding anodic and cathodic protection of metals in pipeline, oil, gas, and water systems.

Monday, March 20

All meetings will be held at the Colorado Convention Center unless otherwise indicated. Click on the provided QR code to access the app and see the individual paper listing.

Atmospheric and Marine Environments – Research in Progress (RIP)—Day 1

8 a.m. to 3:30 p.m. | Room 708

Chair: Jason Lee, Naval Research Laboratory | Vice Chair: Saba Esmaeely, DNV GL

This RIP symposium will cover fundamental studies of materials exposed in marine and atmospheric conditions. Abstracts will address a performance or protection aspect of materials. Topical phenomena of interest include, but are not limited to, galvanic, localized and general corrosion, cathodic protection and coatings systems specific to marine immersion and atmospheric environments. Fundamental aspects of the on-going research including galvanic interactions, occluded chemistries, electrochemical techniques, metallurgical influences, and mechanistic initiation/propagation studies are of particular interest.

Bridge and Infrastructure Coatings & Corrosion—Day 1

8 a.m. to 3:30 p.m. | Room 405

Chair: I-Wen Huang, Abbott Laboratories | Vice Chair: Samanbar Perme, Florida International University

This symposium features technical papers on methodologies to improve the service life of materials and structures in infrastructure, transportation, and utilities industries. Work that covers new developments and solutions for pre-stressed and post-tension reinforced concrete structures as well as updates to existing systems (including cathodic protection) may be included.

Coatings and Inhibitors – Research in Progress (RIP)—Day 1

8 a.m. to 3:30 p.m. | Room 406

Chair: Homero Castaneda-Lopez, Texas A&M University | Vice Chair: Nicole Kucza, GE Healthcare

This symposium will serve as a forum for discussion of how sustainable corrosion protection can be provided by either multi-functional coatings and/or inhibitors. A tailored design of such coatings requires working out elaborate processing (manufacturing), multiscale, internal structures, and chemical compositions. The development of inhibitors can be as a chemical added to the coating multifunctionality or to the existed electrolyte or environment. This session includes presentations on the processing, materials characterization, and performance of coatings produced by a wide variety of functionalities (barrier, sacrificial, inhibition, self-healing, hybrid, etc.) that encompass different manufacturing routes (including traditional and additive manufacturing).

Corrosion in the Biofuel and Biomass Industry

8 a.m. to 3:30 p.m. | Room 506

Chair: Sandra Le Manchet, ArcelorMittal-Industeel USA LLC | Vice Chair: Jean Kittel

This symposium is to share experience related to material selection / corrosion issues / corrosion mitigation in the biofuels industry. We know that this industry is growing and that the switch from conventional fossil feedstocks to vegetable oil or biomass may cause severe corrosion issues. This symposium will cover both the production of biodiesel and bioethanol.

Environmental Assisted Cracking (EAC)—Day 1

8 a.m. to 3:30 p.m. | Rooms 710 & 712

Chair: Sandra Le Manchet, ArcelorMittal-Industeel USA LLC | Vice Chair: Jean Kittel

This symposium is to share experience related to material selection / corrosion issues / corrosion mitigation in the biofuels industry. We know that this industry is growing and that the switch from conventional fossil feedstocks to vegetable oil or biomass may cause severe corrosion issues. This symposium will cover both the production of biodiesel and bioethanol.

Facilities Integrity—Day 1

8 a.m. to 3:30 p.m. | Four Seasons 4

Chair: Michael Snow, Enbridge Liquid Pipelines | Vice Chair: Alyn Jenkins, Schlumberger

This symposium features technical papers on the management of corrosion, and assets related to facilities for oil and gas midstream, papers related to upstream and downstream may also be included.

SC 10—Asset Integrity Management

8 a.m. to 5 p.m. | Rooms 103 & 105

SC 15—Pipelines & Tanks

8 a.m. to 5 p.m. | Rooms 104 & 106

SC 16—Oil & Gas – Downstream

8 a.m. to 5 p.m. | Rooms 107 & 109

Monday, March 20

All meetings will be held at the Colorado Convention Center unless otherwise indicated. Click on the provided QR code to access the app and see the individual paper listing.

C F Why Do Coatings & Linings Systems Fail Prematurely? How to Investigate Premature Failures When They Occur

8:30 a.m. to noon | Rooms 401 & 402

Presented by: Mike O'Brien, MARK 10 Resource Group, Inc.

Premature coating failures continue to cost asset owners, paint manufacturers, fabricators, contractors, shipbuilders and others substantial amounts of unbudgeted money every year. Most failures are preventable if the proper principles are employed for selecting, applying, and inspecting the coatings. This tutorial is based on hundreds of real-life coating failures investigated by the presenter during his 42 years in the coating industry. This practical, informative, and lively tutorial is presented using many real-life case histories. It addresses coating failures that occur on steel, concrete, hot-dip galvanizing, and ductile iron substrates and explains the important properties for each of these substrates to consider when selecting and applying coatings to them. Failures involving most of the commonly applied coatings, including but not limited to, inorganic zinc, organic zinc, epoxy, epoxy intumescent fireproofing, polysiloxane, polyurethane, water-based acrylic and polyurea are discussed with pictures of the actual failures shown. When a premature coating failure occurs, it is important to know how to investigate it using proper principles, techniques, and procedures. During the presentation this year, the tutorial will include a section on some basic principles to employ when investigating a premature coating failure, including how to prepare for a coating failure investigation, how to conduct the onsite investigation, how to determine the laboratory testing to perform, and how to analyze the results, and write the report.

SA SC EMERG Student Meeting

9 to 10 a.m. | Rooms 110 & 112

A Awards Program Committee

9 to 10:30 a.m. | Room 703

F Advance Your Career with AMPP

9 a.m. to 11 a.m. | Rooms 705 & 707

Presented by: Heather Groll, Keenan Loubser, and Pam Nicoletti, AMPP; Tom Higginbotham, PPG; Russell Norris, Sherwin-Williams; Mike O'Brien, MARK 10 Resource Group, Inc.; Carlos Santiago, CMS Corrosion Services, inc.; Michael Stevens; Kimberly Joy Harris, Enbridge; and Justin Rigby.

This session is targeted at those who have previously participated or are looking to participate in an AMPP certification or education programs. We will have a panel of industry professionals who will share what it takes to be successful in an AMPP courses/certification exams and how it's impacted their careers. We will have an interactive career mapping tool that you can use to determine what's next in

your journey. This session will give you a preview of upcoming courses and certifications, discuss opportunities to get involved in teaching and/or developing the next generation of course materials and certifications.

A East Asia and Pacific Area Task Force

10 to noon | Room 701

SC SC 21—Mining & Mineral Processing

10 a.m. to noon | Room 102

SC SC 06—Process Industries

10 a.m. to noon | Room 108

T Carbon Capture and Storage Information Exchange (TCI)

10 a.m. to noon | Rooms 610 & 612

SA Student and Young Professional Résumé Writing, Interview Skills, Personal Branding Workshop & Leadership Skills Training

10 a.m. to 1 p.m. | Rooms 110 & 112

SC SC 05—Surface Preparation

1 a.m. to 5 p.m. | Rooms 111 & 113

SC SC 24—EHS/Regulatory

1 to 3 p.m. | Room 102

C W Coating Failure Investigations – Finding the Cause

1 to 3:30 p.m. | Rooms 401 & 402

Presented by: Valerie Sherbondy and Rick Huntley, KTA-Tator, Inc.

It is not supposed to happen, but sometimes coatings fail long before expected. Coating materials are designed to work in many environments and for many years. When the expected service life falls short of expectations there is plenty of discussion, blame and finger-pointing. There are general causes that can be used as global possibilities for the failure, but there are also details from the field investigation and laboratory tests that can assist in identifying the main factors that contributed to the coating failure. This presentation will build on the common generalities that get the blame for coating failures and build on those to examine the failure and plan the investigation process more closely. Several actual coating failures will be referenced as case studies to follow the investigative process from sample collection, project fact finding, and laboratory testing, to discover what caused the failure. In addition, possible ways to remedy the situation and avoid the situation in the future will be discussed.

Monday, March 20

All meetings will be held at the Colorado Convention Center unless otherwise indicated. Click on the provided QR code to access the app and see the individual paper listing.

S Materials and Cost of Corrosion

1 to 3:30 a.m. | Rooms 705 & 707

Chair: Barinder Ghai, Alleima | Vice Chair: Sandra Le Manchet, ArcelorMittal-Industeel USA LLC

This symposium features technical papers concerning the economic impact of corrosion and its implications on the global economy. Topics may include life cycle cost analysis, the cost of corrosion failure and case studies that address a project's return on investment (ROI) as a performance measurement.

A Eastern Area Task Force

1 to 3 p.m. | Room 701

A West Asia and Africa Area Task Force

1 to 3 p.m. | Room 703

SC SC 07—Defense & Aerospace

1 to 5 p.m. | Room 108

A EMERG Program Committee

1:30 to 3 p.m. | Rooms 610 & 612

T Concrete Information Exchange (TCI)

1:30 to 3:30 p.m. | Room 601

A Technical Program Committee Informational Meeting

1:30 to 3:30 p.m. | Rooms 501 & 502

F Corrosion Mitigation and Preservation Efforts on United States Coast Guard Cutters

2:30 to 3:30 p.m. | Room 702

Presented by: Ross Markham, U.S. Coast Guard—USCGC TAHOMA and Nick Paisker, U.S. Coast Guard

An informational dive into how the U.S. Coast Guard maintains its fleet of aging and new vessel classes, exploring maintenance/inspection planning techniques, guiding organizational/industrial references and unique geographical/operational driving factors.

A Keynote with Hall of Fame Quarterback and TV Personality Terry Bradshaw

3:30 to 4:30 p.m. | Four Seasons 1 & 2

The Association for Materials Protection and Performance (AMPP) is proud to announce four-time Super Bowl Champion quarterback and television personality Terry Bradshaw as keynote speaker for the AMPP Annual Conference + Expo 2023.

In addition to his hall of fame football career, Bradshaw enjoys immense success and respect in several arenas. Terry is a multi-E Emmy and award-winning broadcaster for FOX on Fox NFL Sunday. He's an enduringly popular actor, including his memorable comedic role in the box office smash comedy romance Failure to Launch and his entertaining appearance on Better Late Than Never. Add to that gospel/country singer, motivational speaker, New York Times best-selling author, and breeder of championship quarter horses.

Bradshaw's keynote is entitled, "Why Not Your Best?" His presentation will be one of several opportunities for attendees, including students and young professionals, to focus on self-improvement and leadership.

A Materials Performance Corrosion Innovation of the Year Presentation

4:45 to 5 p.m. | Exhibit Hall

N Exhibit Hall Grand Opening

5 to 8 p.m. | Exhibit Hall

Are you a new AMPP Chapter leader? Do you have questions about your new officer role or need help with the procedures and toolkits related to chapter leadership? Stop by at your convenience and have AMPP staff answer your most pressing questions.

Sponsored by



SA Student Poster Viewing Session 1

5 to 8 p.m. | Exhibit Hall — The Quad

N Silent Auction

5 to 8 p.m. | Exhibit Hall

Take a break from the action in the exhibit hall and browse the wide variety of items and collectibles available

N Student and Young Professional Networking Event – SYP Unplugged

8 to 11 p.m. | Urban Putt Denver

Students and young professionals under the age of 30 are invited out for a night of networking and fun with peers and select industry professionals in a relaxed setting. Enjoy music, food, and drink, and try your hand at some indoor mini-golf on this unique, technically sophisticated playground for people of all ages!

Tuesday, March 21

All meetings will be held at the Colorado Convention Center unless otherwise indicated. Click on the provided QR code to access the app and see the individual paper listing.

PROGRAM COLOR LEGEND

- A Administrative/Other
- AT AMPPiTheater
- C Contractor-Focused Sessions
- F Forum
- I Informational Session
- N Networking
- S Symposia, RIP, RTS
- SA Student Activities
- SC Standards Committee/ISO
- T Technical Communities of Interest
- W Workshops

T TC 10 Pipelines and Tanks Technical Committee

8 to 9 a.m. | Rooms 111 & 113

N Guest Program Breakfast

8 to 9:30 a.m. | Hyatt Regency, Mineral A

Guest Breakfast is for individuals that purchase the Guest Program Registration only and are not for conference attendees.

A CORROSION Journal Editorial Board

8 to 10 a.m. | Room 604

N AMPP Career Fair

8 a.m. to noon | Room 205

Whether you are a student, new to the industry, or a corrosion expert, the AMPP Career Fair can assist you with your professional path or with your recruitment needs.

T Non-Metallics Information Exchange (TCI)

8 a.m. to noon | Room 701

SC SC 13—Corrosion Monitoring & Measurement

8 a.m. to noon | Rooms 107 & 109

SC SC 18—Water & Wastewater

8 a.m. to noon | Rooms 103 & 105

N Headshot Station

8 a.m. to 5 p.m. | F Concourse

Did you know that LinkedIn profiles with headshots get 21 times more views than profiles without a photo? Stop by the Headshot Station to update your look and professional profile anytime Tuesday between 8 a.m. to 5 p.m. This is your opportunity to update your LinkedIn profile or web page bio (personal, corporate, non-profit) and make a lasting first impression!

Sponsored by



SC SC 03—External Coatings – Buried & Immersed

8 a.m. to 5 p.m. | Rooms 104 & 106

SC SC 12—Concrete Infrastructure—Day 1

8 a.m. to 5 p.m. | Room 102

T Oil & Gas Petroleum Refining and Gas Processing Information Exchange (TCI)

8 a.m. to 5 p.m. | Rooms 605 & 607

A Licensee & Partner Meeting

9 a.m. to noon | Rooms 610 & 612

N AMPP Cares/cKit Building Event—Day 1

9 a.m. to 5 p.m. | Exhibit Hall — The Quad

A cKit Training for AMPP Members

9 a.m. to 5 p.m. | Exhibit Hall — The Quad

N Silent Auction

9 a.m. to 5 p.m. | Exhibit Hall

Take a break from the action in the exhibit hall and browse the wide variety of items and collectibles available

Tuesday, March 21

All meetings will be held at the Colorado Convention Center unless otherwise indicated. Click on the provided QR code to access the app and see the individual paper listing.

A Ethics and Professional Practice Committee

9:30 to 11:30 a.m. | Room 608

AT Alternative CRA Solutions for Clad Line Pipe

10 to 10:30 a.m. | Exhibit Hall — AMPPiTheater 2

Presented by: Thomas Auinger, voestalpine Grobblech GmbH

The use of roll bonded clad plates for line pipe is usually limited to a few CRA materials. Typical austenitic CRA materials (e.g., 316L) for lower corrosion properties and nickel-based alloys (e.g. Alloy 625 or 825) for higher requirements. The gap between these CRA materials in corrosion behavior is quite large and not really used for line pipe applications. For example, the two CRA materials N08904 and S31254 have proven to be suitable solutions from a technical point of view. Additionally, by improving the rolling and measuring processes, a reduction of the CRA thickness, especially for nickel-based alloys, is possible at the final product and could be a beneficial option for future projects.

C **AT** Coatings Inspectors: Easy Eddie, Tough Tony, and Wise Wally

10 to 11 a.m. | Exhibit Hall — AMPPiTheater 1

Presented by: Michael A. Harkin, FeO, Inc.

Correctly identifying, and managing, your coating inspector has a major impact on the success, or failure, of your coatings project. This presentation will be an in-depth discussion based on my article in the May 2021 edition of Coatings Pro titled "Coatings Inspectors: Easy Eddie, Tough Tony, and Wise Wally". We will discuss recognizing the 3 general types of coating inspector, their different strengths, and weaknesses, and (most importantly) how to handle them in a productive way.

C **S** Bridge and Infrastructure Coatings & Corrosion— Day 2

10 to 11:30 a.m. | Room 405

Chair: I-Wen Huang, Abbott Laboratories | Vice Chair: Samanbar Perme, Florida International University

This symposium features technical papers on methodologies to improve the service life of materials and structures in infrastructure, transportation, and utilities industries. Work that covers new developments and solutions for pre-stressed and post-tension reinforced concrete structures as well as updates to existing systems (including cathodic protection) may be included.

F Corrosion Control in Solar PV Structures

10 a.m. to noon | Room 506

Presented by: Angel Kowalski and Jason Land, DNV

Solar photovoltaic (PV) installations require support structures to secure the panels to the ground. Steel piles are typically used as support structures. The section buried in the ground is exposed to soil corrosion. Corrosion of underground structures can be very complex. Soil and the water introduced into the soil contains various products, salts, acids and alkalis, mixtures of organic substances, oxidizing or reducing fungi, bacteria, etc. Depending on the composition, it has different degrees of permeability to air and moisture. Normally, the oxygen content is less than in the air, while the carbon dioxide content is higher. However, the concentration of oxygen varies from the surface along the piling depth. Oxygen concentration cells form between the oxygen rich and lean areas near the surface (soil-to-air interface) with corrosion occurring at the latter. The corrosion rate of the structure located at the soil-to-air interface could be significantly higher than the corrosion rate of the buried structure located away from it (deeper). Variations in soil properties can be great between different locations, even those very near each other. Soils can change from highly corrosive in some regions to moderately corrosive or low in others. Soils such as clay, peat bog and humus are typically highly corrosive, while sand and gravel are moderately corrosive depending on the moisture/salt content. The corrosivity of an area is increased further if a structure is exposed to areas of differing corrosivity. In addition to the above soil differences, structural piles electrically connected to each other and to electrical ground could be exposed to higher corrosion rates compared to the corrosion rate of individual piles buried in similar soils. Proper material selection and design of adequate corrosion control systems are key elements to consider when installing PV systems.

T Floating Roof Information Exchange (TCI)

10 a.m. to noon | Rooms 111 & 113

C **F** Major Refurbishment of a Century Old Miter Gate: Opening the Path to the Regional Ship-Repair Industry Awakening

10 a.m. to noon | Room 407

Presented by: Juan Caballero and Jeimy Bernal, Naval & Industrial Solutions

This presentation is intended to share all the experiences gained during surface preparation and paint application jobs and how this iconic project have a high impact towards raising the quality in ship repair industry.

Tuesday, March 21

All meetings will be held at the Colorado Convention Center unless otherwise indicated. Click on the provided QR code to access the app and see the individual paper listing.

Recent Developments in Materials for Geothermal Systems Information Exchange

10 a.m. to noon | Room 702

SC 17—Rail & Land Transportation

10 a.m. to noon | Room 108

Surface Prep Information Exchange (TCI)

10 a.m. to noon | Room 703

Facilities Integrity—Day 2

10 a.m. to 1:30 p.m. | Four Seasons 3

Chair: Michael Snow, Enbridge Liquid Pipelines | Vice Chair: Alyn Jenkins, Schlumberger

This symposium features technical papers on the management of corrosion, and assets related to facilities for oil and gas midstream, papers related to upstream and downstream may also be included.

Corrosion of Additively Manufactured Materials

10 a.m. to 1:30 p.m. | Rooms 709 & 711

Chair: Robert Mason, Concurrent Technologies Corporation | Vice Chair: Zineb Belarbi, National Energy Technology Laboratory

This symposium will have technical papers and presentations related to the corrosion related issues of additively manufactured (AM) materials. Subjects include but are not limited to process, structure, performance relationships, post processing treatments and surface finish, corrosion mechanism of AM materials, AM material degradation in corrosive environments, AM materials selection and applications, AM qualification and certification, integrity or risk analysis and assessment, etc.

Coatings & Inhibitors – Research in Progress (RIP)—Day 2

10 a.m. to 2 p.m. | Rooms 709 & 711

Chair: Homero Castaneda-Lopez, Texas A&M University | Vice Chair: Nicole Kucza, GE Healthcare

This symposium will serve as a forum for discussion of how sustainable corrosion protection can be provided by either multi-functional coatings and/or inhibitors. A tailored design of such coatings requires working out elaborate processing (manufacturing), multiscale, internal structures, and chemical compositions. The development of inhibitors can be as a chemical added to the coating multifunctionality or to the existed electrolyte or environment.

Corrosion Management

10 a.m. to 3 p.m. | Rooms 705 & 707

Chair: Brian Burgess | Vice Chair: Robin Tems, Hollybeach Corrosion Management

This symposium will have technical papers on recent Corrosion Management implementations, lessons learnt for these, and the development of new corrosion management philosophies.

Materials and Integrity in Oil Sands

10 a.m. to 3:30 p.m. | Rooms 501 & 502

Chair: Duane Serate, Suncor Energy Inc. | Vice Chair: Matthew Krantz, Alberta Innovations

This symposium features technical papers on oil sands from owner-operators, vendors, consultants, and researchers. Including (but are not limited to) corrosion, failures, wear, process, material selection, asset integrity, and can be related to steam-assisted gravity drainage, downhole, mining, extraction, upgrading, pipelines, and other surface equipment/facilities.

Marine Coatings and Corrosion

10 a.m. to 4:30 p.m. | Rooms 403 & 404

Chair: Moavin Islam, Corrosion Forensics LLC | Vice Chair: Abdul Hameed Al-Hashem, Kuwait Institute for Scientific Research

This symposium features technical papers solicited for immersion and atmospheric type Marine Coatings with emphasis on new developments and field performance.

Advances in Materials for Oil and Gas Production—Day 2

10 a.m. to 4:30 p.m. | Four Seasons 4

Chair: Julio Maldonado, Chevron | Vice Chair: Eric Caldwell, GATE Energy

This symposium will present advances in materials technology and research. Focus is on new and improved metallic materials and applications. This includes consideration and measurement of the material's performance in its employed exposure environment.

Anodic and Cathodic Protection—Day 2

10 a.m. to 4 p.m. | Rooms 704 & 706

Chair: Daniel Fingas, Corrosion Service Co., Ltd. | Vice Chair: Spencer Easthope, Transmountain Pipeline

This symposium includes technical papers regarding anodic and cathodic protection of metals in pipeline, oil, gas, and water systems.

Tuesday, March 21

All meetings will be held at the Colorado Convention Center unless otherwise indicated. Click on the provided QR code to access the app and see the individual paper listing.

S Corrosion in Nuclear Systems

10 a.m. to 5 p.m. | Room 505

Chair: Sandeep Chawla, DNV USA, Inc. | Vice Chair: Sheewa Feng, Hartford Laboratory Management and Integration, LLC

This symposium will feature technical papers on materials related issues encountered in the generation of nuclear power energy in light, heavy and advanced nuclear power reactors and plants. Papers will include degradation mechanisms for materials and components in service.

S Atmospheric and Marine Environments - Research in Progress (RIP)—Day 2

10 a.m. to 5 p.m. | Room 708

Chair: Jason Lee, Naval Research Laboratory | Vice Chair: Saba Esmaeely, DNV GL

This RIP symposium will cover fundamental studies of materials exposed in marine and atmospheric conditions. Abstracts will address a performance or protection aspect of materials. Topical phenomena of interest include, but are not limited to, galvanic, localized and general corrosion, cathodic protection and coatings systems specific to marine immersion and atmospheric environments. Fundamental aspects of the on-going research including galvanic interactions, occluded chemistries, electrochemical techniques, metallurgical influences, and mechanistic initiation/propagation studies are of particular interest.

S Environmentally Assisted Cracking and Hydrogen Embrittlement – Research in Progress (RIP)—Day 1

10 a.m. to 5 p.m. | Rooms 710 & 712

Chair: Brendy Rincon Troconis, University of Texas at San Antonio | Vice Chair: Jenifer Locke, The Ohio State University

This RIP session includes presentations that focus on all aspects of environment assisted cracking and hydrogen embrittlement, with a specific focus on, but not limited to, cracking of stainless steels, magnesium, aluminum, nickel, additive manufactured, and high entropy alloys and conventional or newly developing corrosion resistant alloys (CRAs). Studies related to the resistance of materials to the initiation and growth of cracks during stress corrosion cracking, corrosion fatigue, and hydrogen embrittlement are included. In addition, studies related to the development of novel techniques to monitor crack initiation and growth, including pit-to-crack transition, testing protocols/environments, and life prediction models are featured.

S Materials Protection and Performance in Construction and Infrastructure – Research in Progress (RIP)

10 a.m. to 5:30 p.m. | Room 603

Chair: David Bastidas, University of Akron | Vice Chair: Peter Ault, KTA-Tator Inc.

This RIP symposium aims to present current research and future trends on materials protection and performance in construction and infrastructure sectors. Different aspects of materials protection and performance will be covered including pitting corrosion, uniform corrosion, chloride corrosion threshold, carbonation influenced corrosion, cathodic protection, stress corrosion cracking, fatigue corrosion, weld joints corrosion, corrosion inhibitors, additive manufacturing, new corrosion monitoring techniques, modeling, and simulation.

S Sweet and Sour Corrosion—Day 1

10 a.m. to 5 p.m. | Room 601

Chair: Krista Heidersbach, Phillips 66 | Vice Chair: Carmen Fonseca, BP

This symposium features technical papers on corrosion related topics that stem from the presence of CO₂, and H₂S in oil and gas production operations. The session will look at advancements in the areas of understanding of the corrosion mechanisms, development of prediction models, monitoring, and inspection technologies.

C F What's New with QP Accreditation?

10:30 a.m. to noon | Rooms 503 & 504

Presented by: Dave Evans, AMPP, and AMPP Accreditation Staff

Learn what's new with the QP Accreditation Programs. We will share our goals and updates to the merit program, the Disciplinary Action Criteria, Applications, Standards, and much more. We will also discuss our focus on business development and how you can be involved in the program and provide feedback for enhancements in QP's future.

AT 2-Coat Systems with 3-Coat Performance

11 a.m. to noon | Exhibit Hall — AMPPiTheater 1

Presented by: David Fernee, Sherwin-Williams

2-Coat systems with 3-coat performance: A review of applications, specifications, and cost savings.

Tuesday, March 21

All meetings will be held at the Colorado Convention Center unless otherwise indicated. Click on the provided QR code to access the app and see the individual paper listing.

AT Advances in Environmental Corrosion Monitoring for Industrial Controls and Data Centers

11 a.m. to noon | Exhibit Hall — AMPPITheater 2

Presented by: Igal Brodetsky, PhD. and Earn Sakornpan, Cosasco

Environmental corrosion is becoming an issue as more and more servers and industrial controls are coming online. The presence of corrosive gasses in the atmosphere can slowly degrade the electrical connections in these systems, causing sudden and unpredictable system failures. Environmental corrosion monitoring can detect the presence of these corrosive agents and predict potential failures in data centers and industrial control servers. This presentation will discuss the current state of the art in environmental monitoring systems.

F Whitney Lecture Series

11:30 a.m. to noon | Room 507



Dr. Vilupanur A. Ravi is a professor in the Department of Chemical and Materials Engineering at California State Polytechnic University, Pomona. He is being recognized for his outstanding and innovative contributions to high temperature materials and coatings, and high temperature corrosion. In a career

spanning more than three decades in academia and industrial R&D, his research and inventive contributions have been in the areas of materials processing, high temperature materials and protective coatings, high temperature corrosion, corrosion in molten salts, and biocorrosion. Current research includes fundamental studies of high temperature corrosion mechanisms affecting gas turbine engines; studies of novel nickel-based alloys for molten chloride fast reactors, and molten salt corrosion of a cold spray enabled bimetallic structure for nuclear reactors. Other studies have included the corrosion and inhibition of stainless steels in high temperature chloride salts for concentrated solar power applications, and high temperature halogen corrosion. Prof. Ravi has initiated new degree programs, developed numerous courses and laboratories, and trained hundreds of undergraduate and graduate students in materials and corrosion. He has been an invited speaker at many forums in the US and abroad, has published several journal and conference papers, and has a significant portfolio of US and international patents. His work has been recognized through several awards including the NACE Technical Achievement Award. He is a Fellow of NACE International. He has served NACE as chair of a specific technology group and technical exchange groups, chair or vice-chair of several symposia, etc. He founded the Cal Poly Pomona Student Section of NACE International. He received his PhD in Metallurgical Engineering from the Ohio State University.

Dr. Vilupanur A. Ravi is the 2023 Willis Whitney Technical Achievement Award recipient.

Corrosion and Protection of Materials at High Temperatures

The degradation of materials such as metallic alloys limits their performance at high temperatures in a broad range of industries, e.g., aerospace, marine, chemical processing, energy generation, waste incineration, refining, etc. This degradation can take different forms depending upon the material and the environment, e.g., high temperature oxidation in air or steam, sulfidation in gases such as sulfur dioxide, hydrogen sulfide/hydrogen mixtures, accelerated corrosion under fused salt films, halogen attack, metal dusting, etc. Consequently, there are many engineering and scientific challenges inherent to this field of study. To make the subject tractable, one can divide it into (a) identification and understanding high temperature corrosion mechanisms and (b) protective coatings /surface modification. In this talk, the contributions to these topics through current work at Cal Poly Pomona will be discussed. As a specific example, current results from a fundamental study of the role of calcium oxide and sulfate on deposit-induced corrosion mechanisms affecting nickel-base alloys in gas turbine atmospheres will be presented. The multipronged investigation of this complex corrosion problem involves various factors such as the type of alloy, the composition of the salt layer to which the alloy is exposed, the temperatures and the exposure times, as well as the gaseous environment. To address topic (b), fundamental studies of halide activated pack cementation - a method for application of protective coatings/ surface modification to metallic alloys - will be presented and discussed. Relevant thermodynamics and kinetics, with illustrative exemplars involving diffusion coatings on nickel, stainless steels, etc., will be presented.

N Tuesday Exhibit Hall Lunch

11:30 a.m. to 1 p.m. | Exhibit Hall — Food Court

All Full Conference, Tuesday One-Day, and Tuesday Two-Day Conference attendees receive a complimentary buffet lunch in the Exhibit Hall. Tickets are included with your badge.

SA Student Poster Viewing Session 2

Noon to 2 p.m. | Exhibit Hall — The Quad

AT Robotic Solutions for Corrosion Under Insulation (CUI) Inspections

1 to 2 p.m. | Exhibit Hall — AMPPITheater 1

Presented by: Chase David, Gecko Robotics

Corrosion under insulation (CUI) is corrosion that occurs in the base metal of storage tanks, pressure vessels, and other assets when moisture penetrates the outer insulation. Corrosion and damage to the insulation are difficult to detect without the costly process of removing insulation and performing a manual inspection. However, with recent developments in robotics-based NDT techniques, internal inspections reveal CUI without the need for expensive scaffolding or removing insulation. Through high-definition, color-coded corrosion maps, owner/operators

Tuesday, March 21

All meetings will be held at the Colorado Convention Center unless otherwise indicated. Click on the provided QR code to access the app and see the individual paper listing.

can pinpoint CUI in the base metal and make data-driven asset maintenance and insulation repair decisions.

T TC 07 Process Industries Technical Committee

1 to 2 p.m. | Room 703

C **A** Accreditation Program Committee (APC)

1 to 3 p.m. | Rooms 610 & 612

C **F** Benefits of Galvanizing and Metallizing to Protect Steel Structures

1 to 3 p.m. | Room 407

Presented by: Kevin Irving, International Zinc Association, and Sudhir Palle, University of Kentucky

Presentations will cover the advantages of galvanizing, metallizing, and liquid zinc coatings as steel corrosion protection measures, as described by the experiences of DOTs and other specifiers. The presenters will also discuss project applications and describe the different application methods that can be used when specifying and inspecting zinc coatings.

T Cleaning, Chemical and Mechanical Information Exchange (TCI)

1 to 3 p.m. | Rooms 111 & 113

T Recent Developments in Duplex and Ferritic Stainless Steels Information Exchange

1 to 3 p.m. | Room 702

S Pipeline Crossings: Steel-Cased, Thrust-Bored, and HDD

1 to 3 p.m. | Room 507

Chair: Michael Snow, Enbridge Liquid Pipelines | Vice Chair: Cay Strother, Integrity Solutions Field Services

This symposium features technical papers on road, railroad, river, wetland, etc., crossings by directional drilling, thrust boring, casing, and HDD-type pipeline crossings, etc. Techniques, cathodic protection, coatings, best practice, construction challenges, etc., are included.

F 2050 – Optimization of Life Cycle Corrosion and Water Costs

1 to 4 p.m. | Rooms 110 & 112

Co-chairs: Amir Eliezer, Chair of AMPP, and Randy Moore, Tnemec Co., Inc & AWWA Vice President

Presented by: Doug Sherman, Principal-Corrosion Probe, Inc., and James Keegan, Laboratory Service Manager

The topic submission will focus on 2050-optimization of life cycle corrosion and water costs based on a cooperation between AMPP and AWWA members. Net zero refers to a state in which the greenhouse gases going into the atmosphere are balanced by removal out of the atmosphere.

The term net zero is important because — for CO₂ at least — this is the state at which global warming stops. The Paris Agreement underlines the need for net zero, requiring states to ‘achieve a balance between anthropogenic emissions by sources and removals by sinks of greenhouse gases in the second half of this century’.

Aligned with those long-term visions this workshop will explore the practical application of corrosion control best practices to extend asset service life, lower life-cycle costs and increase asset sustainability. The discussion will use the recently updated AWWA Manual of Practice M27 “External Corrosion Control for Infrastructure Sustainability” as the framework for the workshop discussion. The workshop will include a high-level review of the infrastructure corrosion control content.

Please refer to the app for the full description.

I Chemistry Issues in Shale Oil and Gas Development and Production

1 to 5 p.m. | Rooms 503 & 504

Chairs: Qiwei Wang, Saudi Aramco, and Zhengwei Liu, Baker Hughes

Presented by: Renato De Paula, Solvay; Alec Breen and David Yue, Halliburton; Zhengwei Liu and Sunder Ramachandran, Baker Hughes; and Alex McRae, Schlumberger

This forum will provide a platform for industrial experts to discuss the challenges and corresponding chemical solutions encountered in the shale oil and gas fields development and production, including the industrial best practices and new advancements in control of bacteria, corrosion and scale during hydraulic fracturing and hydrocarbon recovery stages.



Access the
Official AMPP
Conference
App!



Scan QR Code

Tuesday, March 21

All meetings will be held at the Colorado Convention Center unless otherwise indicated. Click on the provided QR code to access the app and see the individual paper listing.

Electric Mobility: New Challenges for Corrosion Protection

1 to 5 p.m. | Room 506

Chair: Federico Bertasi | Vice Chair: Alessandro Mancini

This symposium features technical papers on corrosion phenomena in automotive industry. Focus is on a) effect of vehicle electrification on the corrosion resistance of automotive components; b) advanced coatings toward a sustainable economy; and c) corrosion-resistance-oriented design of components. Papers will feature new materials, new characterization techniques, innovative approaches, case studies and failure analyses.

Identifying New Government Contract Opportunities, Making an Impact on Your Business Through the Use of KPIs and Evaluating Why Team Players Cheat

1 to 5 p.m. | Rooms 401 & 402

Chairs: Pam Nicoletti, AMPP, and Tom Higginbotham, PPG

Presented by: Kyla Payne, Bellevue University; Lauren Dognazzi, BP; Greg Redick, Potomac Redan & Associates; and Terry Greenfield, CONSULEX

With this session we'll cover skills needed to advance your business. Session topics will include making a positive impact in your Inspection business, identifying why team players cheat, utilizing KPIs to evaluate your business and set your business apart from others, and identifying potential government contract opportunities.

SC 19—Maritime

1 to 5 p.m. | Rooms 103 & 105

Standards Committee Training

1:30 to 4:30 p.m. | Room 108

Student and Young Professional Track—Standards 101

2 to 3 p.m. | Exhibit Hall — AMPPiTheater 2

CUI Monitoring Technology for Predictive Management

2 to 3:30 p.m. | Exhibit Hall — AMPPiTheater 2

Presented by: Freddie Talbot, CorrosionRADAR Ltd. UK

Predictive Corrosion Management have a lot of attractive use cases including Corrosion Under Insulation. This presentation describes the deployment and evaluation of remote monitoring technology with application in corrosion under insulation management. Using remote monitoring, a

predictive management of CUI is described which can help the asset owners not only manage the asset integrity in a cost-effective way but in a safer way too if the risks are pre identified and acted upon. Hidden corrosion such as Corrosion Under Insulation (CUI) can be better managed with digital data harvesting and with predictive tools using data of the assets such as knowledge of moisture locations and temperature etc. A method is described that involves use of this data to manage the assets holistically, prioritizing the risky assets and scheduling their inspection and maintenance effectively. This presentation will showcase the development and usage of CUI monitoring, thereby maturing the technology and CUI risk analytics. The case studies and lessons learnt from field use cases will be presented. The new method of using sensing and Industrial IOT to detect and predict corrosion in the field will be a huge impact for the asset integrity industry struggling with the threat of hidden corrosion such as Corrosion Under Insulation (CUI).

Student Poster Viewing – Session 2

Noon to 2 p.m. | Exhibit Hall — Student Quad

Process Industries Information Exchange (TCI)

2 to 4 p.m. | Room 703

SC 14—Oil & Gas – Upstream

2 to 4 p.m. | Rooms 107 & 109

PHMSA Pipeline Safety Forum

2 to 5 p.m. | Four Seasons Room 3

PHMSA (Pipeline and Hazardous Materials Safety Administration) and AMPP members play a critical role in protecting the public from potential catastrophic failures of liquid/gas pipelines. Join policymakers, regulators, and industry experts for a discussion on how PHMSA and other agencies address corrosion in pipeline safety. The forum will provide both a regulator and industry perspective on best pipeline safety practices and the latest developments. The PHMSA Forum is your chance to hear an annual update from key PHMSA officials and discuss proposed rules that may be considered in 2023. Additionally, you'll have the opportunity to hear from fellow members and stakeholders on the latest trends in pipeline safety.

Insulation Selection and Managing Corrosion Under Insulation

2 to 5 p.m. | Room 405

Presented by: Michael Pardo, S&B Engineers, and David Hunter, Hempel USA

One definition of sustainability is “the avoidance of the

Tuesday, March 21

All meetings will be held at the Colorado Convention Center unless otherwise indicated. Click on the provided QR code to access the app and see the individual paper listing.

depletion of natural resources in order to maintain an ecological balance". Reducing energy consumption and therefore, by definition, the natural resources to produce the energy, is not only good environmental practice but also good business practice. This forum will discuss the engineering selection of insulation systems, their performance and corrosion under insulation considerations.

T Above Grade Service (Pipelines and Tanks) Information Exchange (TCI)

3 to 4 p.m. | Rooms 111 & 113

A Certification Program Committee

3 to 5 p.m. | Rooms 610 & 612

T Recent Developments in Austenitic Stainless Steels and Nickel Alloys Information Exchange

3 to 5 p.m. | Room 702

SA Coaching Sessions with Industry Experts (sign-up required)

3 to 5 p.m. | Exhibit Hall, SYP Lounge

Students and Young Professionals can sign up for 30-minute coaching sessions with industry experts.

C **W** OSHA's 1910.134 Respiratory Protection Standard

3:30 to 5 p.m. | Room 407

Presented by: Charles Brown, Grenman-Pedersen, Inc.

This workshop will help attendees understand OSHA's requirements for an effective respiratory protection program.

T Buried Service Information Exchange (TCI)

4 to 5 p.m. | Rooms 111 & 113

N Scholarship Awards and EMERGING Leaders Bash: Celebrating Generation Next

7 to 8 p.m. | Scholarship Awards Ceremony*

8 to 11 p.m. | The Groove Merchants / Dancing

The Fillmore, Denver, Colorado

Make plans to join us as we celebrate the future of our industry by honoring and recognizing our 2023 outstanding students and scholarship recipients. After the ceremony, guests will enjoy light hors d'oeuvres, drinks, and dancing to the music of the Groove Merchants Band. This high-energy, world-class dance band is sure to keep the dance floor filled all night! Individual tickets are \$75

and may be purchased at the registration desk while supplies last.

*To attend the Scholarship Awards Ceremony, you must have an EMERGING Leaders Bash ticket. Student registrants for AMPP 2023 receive a complimentary event ticket with their conference registration. Conference shuttles will be available for guests' transportation needs. Limited hosted bar.

ELB Signature Sponsor:



Scholarship Awards Ceremony Sponsor:



Silver Sponsor:



ACCESSING YOUR WORLD

From forming and shoring to access and scaffolding, BrandSafway has the greatest depth of expertise and the widest range of solutions – engineered to save time and money while increasing safety – for projects of any size and scope.



Scaffolding Rental & Sales

- › Wide range of rental, lease and purchase plans
- › More than 100 years of experience

QuikDeck® Suspended Access System

- › Easy assembly
- › Factory-floor-like work conditions
- › Load capacities from 25 to 75 PSF with a 4-to-1 safety factor

Spider® Powered Suspended Access

- › Standard and custom solutions
- › Work baskets, swing stages and custom float platforms

Custom Motorized Solutions

- › Permanent and temporary hoists
- › Transport platforms and mast climbers

Aluma Systems Forming and Shoring

- › Slabs, walls and bridges
- › Optimized pour cycles
- › 40+ years of experience in 50+ countries

Advanced Engineering

- › Most experienced team in the industry
- › 3D services: scanning, LiDAR, photogrammetry

We look forward to partnering with you on your next project.

Visit our Booth! #1085

Learn more at BrandSafway.com
or call 518-381-6000.

BRAND SAFWAY®

At Work For You®

Wednesday, March 22

All meetings will be held at the Colorado Convention Center unless otherwise indicated. Click on the provided QR code to access the app and see the individual paper listing.

TC 09 Defense Technical Committee

8 to 9 a.m. | Room 604

Data Analytics Information Exchange (TCI)

8 to 9 a.m. | Room 703

Guest Program Breakfast

8 to 9:30 a.m. | Hyatt Regency, Mineral A

Guest Breakfast is for individuals that purchase the Guest Program Registration only and are not for conference attendees

AMPP Certified Cardholders – Coatings Inspection Update and Industry Information

8 to 10 a.m. | Room 701

Developing Strategies and Processes for Successful Corrosion Control Through Protective Coatings

8 to 10 a.m. | Room 506

Presented by: D. Terry Greenfield and Matt Mills, CONSULEX

This forum will explore the corrosion control challenges faced by amusement parks and similar assets. Successful strategies include long term vision in the selection of materials and their installation for the most effective asset protection, customer safety, and economic benefit. Attendees should expect to gain valuable insight and information that they can return with and leverage successfully to provide benefit to their operations and assets. Coatings asset management, corrosion control methodologies, materials selection, work management, quality control & assurance, and the processes to integrate all into a holistic corrosion management approach will be explored to the benefit of the attendees.

ISO TC 35 US TAG

8 to 10 a.m. | Room 108

Joint Accreditation Program Committee Meeting

8 to 9:30 a.m. | Rooms 610 & 612












Corrosion Inhibitor Application on Metallic Surfaces

8 to 10 a.m. | Room 407

Chair: Cliff Cracauer, Cortech Corporation | Vice Chair: Tunde Kingsley Adelakin, Kinder Morgan

This symposium features technical papers on mechanism, modeling, field experience, monitoring, and mitigation (design and inhibition). Papers will also discuss top of line corrosion in a multiphase wet gas system when water vapor contained in the gas phase condenses on the internal upper pipe walls.

PROGRAM COLOR LEGEND

-  Administrative/Other
-  AMPPiTheater
-  Contractor-Focused Sessions
-  Forum
-  Informational Session
-  Networking
-  Symposia, RIP, RTS
-  Student Activities
-  Standards Committee/ISO
-  Technical Communities of Interest
-  Workshops

Coatings and Welding Inspection: Independent 3rd Party Services

8 to 10:30 a.m. | Room 603

Chair: Lake Barrett, KTA-Tator Inc. | Vice Chair: Charles Brown, GPI

This RIP symposium will present current research and future trends on materials protection and performance in construction and infrastructure sectors. Topics related to corrosion prevention and coatings application in the broaden area of corrosion of steel in porous media, building, construction, architecture, and infrastructure including off-shore an on-shore infrastructure, bridges and concrete pipelines. Different aspects of materials protection and performance will be covered including pitting corrosion, uniform corrosion, chloride corrosion threshold, carbonation influenced corrosion, cathodic protection, stress corrosion cracking, fatigue corrosion, weld joints corrosion, corrosion inhibitors, additive manufacturing, new corrosion monitoring techniques, modeling and simulation. Refer to the app for the full description.

Sweet and Sour Corrosion—Day 2

8 to 9 a.m. | Rooms 705 & 707

Chair: Krista Heidersbach, Phillips 66 | Vice Chair: Carmen Fonseca, BP

This symposium features technical papers on corrosion related topics that stem from the presence of CO₂, and H₂S in oil and gas production operations. The session will look at advancements in the areas of understanding of the corrosion mechanisms, development of prediction models, monitoring, and inspection technologies.

Wednesday, March 22

All meetings will be held at the Colorado Convention Center unless otherwise indicated. Click on the provided QR code to access the app and see the individual paper listing.

C F Beyond the Standard: Leadership Behaviors That Drive Results

8 a.m. to noon | Room 601

Co-chairs: Stephanie Corey, Xcel Energy; Kailey Dharam, Dairyland; and Kelsey May, MESA

As leaders we want committed employees, happy customers, and thriving communities, but how do we connect the dots between our own leadership behaviors and these outcomes? That's the question we will answer in an interactive, multigenerational forum that will leave you better equipped to drive results across diverse teams as you enhance the experience of your employees, customers, and communities. Together we will explore what becomes possible when we look and lead beyond the standard.

Sponsored by



Uncommon Leadership for Uncommon Times

Presented by: Bob Chalker, CEO of AMPP

Bob will share the leadership challenges of merging two organizations with very different cultures, while contending with the Covid pandemic, and when companies were feeling new pressure to stake positions in an increasingly polarized society. Focusing on principles of mutual listening and respect, Bob already had transformed AMPP's employee culture in a way that raised the bar for the entire organization, when: revenue went away overnight; an entirely new product/service delivery system had to be developed overnight; NACE/SSPC merger talks were going forward; employees essentially voted to become primarily remote workers; COVID, social, and historic political unrest created ongoing anxiety for many employees; in-person interaction between employees decreased significantly, impacting how teams build trust and familiarity. So much fear and turmoil. In this Zoom world, Bob will share great insight on how leaders keep moving forward.

Leadership and Lyrics

Presented by: Clay Brelsford and Jarret Brelsford, Bass Engineering

Customer service is a defining factor in an organization's success. But with ever-evolving requirements and expectations, it can be hard to adapt. Join us as we explore Bass Engineering's approach to customer relationships through the lens of a multigenerational leadership team. We'll talk about how the workforce has changed from one generation to another, and how we can hum the tune of servant-focused leadership every day.

Businesses Have Neighbors: Social Responsibility with a Multi-Level Impact

Presented by: Mike Tachick and Kailey Dharam, Dairyland

Social responsibility can too often feel distant, complicated, or impersonal rather than a vibrant part of our company cultures. In this session, we will discuss how to facilitate meaningful community engagement to impact your employees, company, community members, and even larger societal challenges. To support practical application, we will use Dairyland's partnership with Habitat for Humanity as a case study.

Self-Awareness and Self-Management Foundations of Emotion Intelligence

Presented by: Trispective Group

In this session, we lay the groundwork for interpersonal and leadership effectiveness by starting with the most essential aspects of EQ: self-awareness and self-management. Using Goleman's EQ framework, we look at how our hard-wiring can work against us in high-impact, high-emotion situations and we share proven methods for self-management in moments when it matters most. We build on current research and high-profile examples and allow participants to explore their own triggers and apply learnings to their own challenges. Finally, we allow for sharing of personal best practices in small groups.

C F College of Fire Knowledge

8 a.m. to noon | Rooms 401 & 402

Presented by: William Dempster, AkzoNobel, and Cabot Wilkinson, Carboline

Passive fire protection (PFP) materials have been in existence for hundreds of years protecting structures, assets, and lives. Over that same time frame, materials evolved into the modern systems of today providing not only fire but also corrosion, cryogenic and chemical spill protection to the underlying substrate in a multitude of environmental conditions. Yet, passive fire protection is a misunderstood science and viewed as a necessary evil in the construction industry. The College of Fire Knowledge is designed to provide useable, practical knowledge to industry professionals in 4 segments:

- Commercial PFP 101
- Hydrocarbon PFP 102
- Commercial PFP Materials 102
- Hydrocarbon PFP Materials 102

Topics covered will be specific to each industry and provide information such as fire scenarios, environmental exposures, type certificates and PFP materials. Guest lecturers will be experienced fire protection professionals.

SC SC 01—Cathodic/Anodic Protection

8 a.m. to noon | Rooms 103 & 105

Wednesday, March 22

All meetings will be held at the Colorado Convention Center unless otherwise indicated. Click on the provided QR code to access the app and see the individual paper listing.

SC 09—Non-Metallic

8 a.m. to noon | Rooms 107 & 109

TC 05 Corrosion Management Technical Committee

8 a.m. to noon | Room 703

Thermal and Cold Spray Coatings

8 to 11 a.m. | Room 405

Chair: Shiladitya Paul, TWI | Vice Chair: James Weber, Jakes K. Weber Consulting LLC

This symposium features technical papers on all aspects of thermal and cold spray coatings used to mitigate corrosion of metallic and reinforced concrete structures with a specific focus on (but not limited to) surface preparation, coating consumable selection, spray method selection, spray parameter development, in-line quality and inspection, testing and qualification, operational experience, cost reduction, maintenance, and repair. The subjects to be covered include results of basic and applied research on thermal spray processes and coating materials including field experience on thermal spray coatings, materials, processes, and strategies for corrosion control.

Environmental Assisted Cracking (EAC)—Day 2

8 a.m. to noon. | Rooms 710 & 712

Chair: Garret Wu, ExxonMobil | Vice Chair: Fei Tang, DNV

This symposium will feature technical papers related to understanding various types of EAC mechanisms including but not limited to hydrogen embrittlement, stress corrosion cracking, sulfide stress cracking, HIC/SOHIC, corrosion fatigue, liquid metal embrittlement, and so on.

Mechanisms of Localized Corrosion

8 a.m. to 3 p.m. | Rooms 709 & 711

Chair: Helmuth Sarmiento Klapper, Baker Hughes | Vice Chair: Brendy Rincon Troconis, University of Texas at San Antonio

This symposium features technical papers that discusses mechanisms, traditional and novel research methodologies, modeling and monitoring approaches, real cases including failure analysis, as well as strategies to control localized corrosion in all industrial applications.

Refining Industry Corrosion

8 a.m. to noon | Rooms 503 & 504

Chair: Joe Yin, PBF Energy | Vice Chair: Nathaniel Sutton, The Equity Engineering Group

This symposium will feature technical papers on corrosion and material issues within the oil refining industry. Topics may include case histories, materials/coatings performance, damage mechanisms, failure analyses, laboratory studies, etc.

Flow Assurance in Oil and Gas Productions

8 a.m. to 1:30 p.m. | Room 505

Chair: Qiwei Wang, Saudi Aramco | Vice Chair: Larry Chen, Clariant

This symposium features technical papers on flow assurance which is critical for the safe, economic and efficient oil and gas recovery and processing. The symposium will present the new advancements in understanding and technical solutions related to corrosion, scale and other oilfield chemistry issues in hydrocarbon production and transportation, covering root-cause determination, modeling, laboratory investigations and field case studies.

Microbiologically Influenced Corrosion

8 a.m. to 3 p.m. | Rooms 501 & 502

Chair: Jason Lee, Naval Research Laboratory | Vice Chair: Jodi Wrangham, Baker Hughes

This symposium features technical papers on microbiologically influenced corrosion (MIC) - corrosion affected by the presence or activity of microorganisms. The diagnosis, mitigation and monitoring of MIC will be detailed across multiple industries including oil and gas, water and wastewater, and maritime. Concentration on any aspect of MIC, including microbiological, chemical, electrochemical, and material science, is welcome. Causal, mechanistic, and preventative studies are encouraged.

Electrochemical Techniques for Measuring Corrosion

8 a.m. to 4 p.m. | Room 702

Chair: Matt Aliof, GM | Vice Chair: Gareth Hinds, National Physical Laboratory, U.K.

This symposium will feature technical papers on all aspects of pipeline integrity that can include pipeline integrity management, inspection, assessment, mitigation, operational aspects, regulatory issues, present and upcoming technologies, methods, experiences, and case studies, be it new technologies, new inspection methodologies, or new analyses.

Wednesday, March 22

All meetings will be held at the Colorado Convention Center unless otherwise indicated. Click on the provided QR code to access the app and see the individual paper listing.

S Pipeline Integrity—Day 1

8 a.m. to 5 p.m. | Rooms 605 & 607

Chair: Matt Aliof, GM | Vice Chair: Gareth Hinds, National Physical Laboratory, U.K.

This symposium will feature technical papers on all aspects of pipeline integrity that can include pipeline integrity management, inspection, assessment, mitigation, operational aspects, regulatory issues, present and upcoming technologies, methods, experiences, and case studies, be it new technologies, new inspection methodologies, or new analyses.

S Recent Experiences With Austenitic and Duplex Stainless Steels

8 a.m. to 4 p.m. | Room 507

Chair: Nicole Kinsman, International Molybdenum Association | Vice Chair: Lena Wegrelius, Outokumpu

This symposium will feature technical papers on recent experiences with stainless steels. The focus is on end user experiences from the process industries such as chemical processing, pulp & paper, oil & gas, desalination, pharmaceutical, and power generation. Topics include successes, failures, material selection, fabrication and new developments.

SC SC 02—External Coatings – Atmospheric

8 a.m. to 5 p.m. | Rooms 110 & 112

SC SC 08—Metallic Material Selection & Testing—Day 1

8 a.m. to 5 p.m. | Rooms 111 & 113

SC SC 12—Concrete Infrastructure—Day 2

8 a.m. to 5 p.m. | Room 102

C S Advanced Protective Coating Technology—Day 1

8 a.m. to 5 p.m. | Rooms 403 & 404



Access the
Official AMPP
Conference
App!



Scan QR Code

Chair: Benjamin Chang, PolyLab | Vice Chair: Tom Weber, Tom Weber Consultant

This Symposium will feature papers in the following areas; Offshore Windmill Coating (>25 years service life), Offshore Deck Coating Subsea Coating, Advanced Coating Application Technologies, New Pipeline Coating Development, CUI coating, Thermal Insulative Coating, Cathodic Disbondment Mechanism, Coating Blister Mechanism, Rust Creepage Mechanism.

S Corrosion In Infrastructure – Research Topical Symposium (RTS)

8 a.m. to 4:30 p.m. | Rooms 704 & 706

Chair: Chris Taylor, DNV | Vice Chair: Jozef Soltiz, Rosen Group

This RTS will feature invited presentations that address corrosion of critical infrastructure that serves the public good such as roads, highways, bridges, dams, railways, harbors, etc. Presentations may also include corrosion of infrastructure associated with water and energy distribution, such as water distribution systems, electrical power transmission lines, and oil and gas transmission and distribution pipelines, and supporting components of these systems. Presentations of research will address (a) knowledge gaps in corrosion mechanisms and the factors influencing corrosion, (b) improvement of lifetime prediction techniques, as well as research that advances (c) approaches for the inspection, detection, risk assessment, and/or prevention of corrosion.

AT Internal Corrosion Management Program

9 to 10 a.m. | Exhibit Hall — AMPPiTheater 2

Presented by: David Velasco, Cosasco

Roundtable discussion on leading and lagging indicators of internal corrosion, available technologies, and corresponding benefits/drawbacks.

T Inhibitors Information Exchange (TICI)

9 to 10 a.m. | Room 703

SA Student Travel Assistance Distribution, Registration

9 a.m. to 2 p.m. | Exhibit Hall — The Quad

N AMPP Cares / cKit Building Event—Day 2

9 a.m. to 5 p.m. | Exhibit Hall — The Quad

C AT Powder Coatings: The Sustainable Path to Corrosion Protections

9:30 to 10:30 a.m. | Exhibit Hall — AMPPiTheater 1

Presented by: Tom Higginbotham, PPG

Wednesday, March 22

All meetings will be held at the Colorado Convention Center unless otherwise indicated. Click on the provided QR code to access the app and see the individual paper listing.

Liquid coatings have traditionally been the go-to system for long term corrosion protection. But with performance advancements and growing environmental concerns, powder is quickly becoming the technology of choice for many manufacturers. This session will begin with a basic overview of powder, application techniques and chemistries, followed by the powder systems and technologies which will offer the best corrosion performance, including powders place within ISO 12944. Finally, we will review how powder compares to liquid in sustainability, performance, and cost.

A Chapter Officer Meeting

10 to 11 a.m. | Room 205

T Monitoring, Measuring, and Inspection Information Exchange (TCI)

10 to 11 a.m. | Room 703

A QP Core Subcommittee Meeting

10 to 11:30 | Rooms 610 & 612

This session will discuss cathodic protection updates and industry information. Attendees will receive PDHs that can be used for certification renewal. *Limited to AMPP certified card holders.

F AMPP Surfside Collapse Task Force Panel Discussion

10 a.m. to noon | Room 506

Presented by Ivan Lasa and Paul Vinik, GPI; and Warren Green, Vinsi Partners Catastrophes like the Miami Surfside Condo Collapse are happening more and more throughout the world. It is important that we obtain critical information from these events in order to prevent them in the future. AMPP's Surfside Condo Collapse Task Force was created to identify gaps in the industry and improve current information (i.e. standards) to do just that. In this forum, we will focus on why the task force was created, what we accomplished during the task force was active, and what can we do now and in the future to make sure we are ahead of the curve.

Catastrophes like the Miami Surfside Condo Collapse are happening more and more throughout the world. It is important that we obtain critical information from these events in order to prevent them in the future. AMPP's Surfside Condo Collapse Task Force was created to identify gaps in the industry and improve current information (i.e. standards) to do just that. In this forum, we will focus on why the task force was created, what we accomplished during the task force was active, and what can we do now and in the future to make sure we are ahead of the curve.

F Understanding the Role of Insulation in Corrosion: It Can Make or Break You

10 to 11 a.m. | Room 708

Moderated by: Ron King, National Insulation Association Past President, Industry Consultant/SME

A total system approach, including updated specifications and proper design, installation of materials, and maintenance of the insulation system, is essential in the fight against corrosion under insulation (CUI). During this presentation you will learn about reducing the potential for CUI while reducing energy costs and carbon emissions, the impact of temperature cycling and the increased risk for CUI, how moisture getting into an insulation system, or moisture staying in an insulation system increases the risk of CUI and if the type of insulation/system makes a difference.

A AMPP Certified Cardholders – Cathodic Protection Updates and Industry Information

10 a.m. to noon | Room 701

This session will discuss cathodic protection updates and industry information. Attendees will receive PDHs that can be used for certification renewal. *Limited to AMPP certified card holders.

SC ISO TC 156 US TAG

10 a.m. to noon | Room 108

SC SC 23—Coating System Application, Maintenance, and Inspection

10 a.m. to noon | Rooms 104 & 106

SA EMERG Student Camp

10 a.m. to 3:30 p.m. | Exhibit Hall — The Quad

A day-long camp for local high school students will be held in conjunction with AMPP 2023. Local students from Denver area high schools will participate in hands-on, coatings and corrosion-activities. Using cKits™ (AMPP Corrosion Toolkits), they will learn basic scientific principles of corrosion in topics such as oxidation, thermodynamics, and electrochemistry. Students will hear about research and career opportunities from industry professionals and university students while touring the AMPP 2023 show floor.

Signature Sponsor:



Lunch Sponsor:



Wednesday, March 22

All meetings will be held at the Colorado Convention Center unless otherwise indicated. Click on the provided QR code to access the app and see the individual paper listing.

PROGRAM COLOR LEGEND

- A Administrative/Other
- AT AMPPiTheater
- C Contractor-Focused Sessions
- F Forum
- I Informational Session
- N Networking
- S Symposia, RIP, RTS
- SA Student Activities
- SC Standards Committee/ISO
- T Technical Communities of Interest
- W Workshops

AT **RAIS (Rope Access & Integrated Services) Alternative Access Solutions**

10:30 to 11:30 a.m. | Exhibit Hall — AMPPiTheater 2

Presented by: Andy Shingledecker and Jason Caruso, Acuren Inspection, Inc.

AT **Trends in Coating Technologies for the Oil & Gas Market**

11 to 11:30 a.m. | Exhibit Hall — AMPPiTheater 1

Presented by: Chris Lopez, Axalta Coating Systems

Coatings for oil and gas are an estimated \$5.4B market in 2022. The future of oil and gas lies in being sustainable in the operations. In this paper we will explore the global trends that impact coatings in this space. The main trends that will be explored are sustainability, urbanization and efficiency. Their impact on coatings will be thoroughly explained and the types of products that could meet the moment will be presented. The suitability of the range of powder coatings such as Nap-guard for FBE, thermoplastic coatings such as Plascoat and Abcite for both exterior and interior applications for oil, gas, CO₂, NH₃ and Hydrogen pipelines will be explored. The chemistry of liquid coatings that could meet the trends will be discussed in detail.

N **Silent Auction**

10 a.m. to 4 p.m. | Exhibit Hall

Take a break from the action in the exhibit hall and browse the wide variety of items and collectibles available.

C A **QP Core Subcommittee Meeting**

10:30 a.m. to 12:30 p.m. | Rooms 610 & 612

T **Mechanism Assessment Information Exchange (TCI)**

11 a.m. to noon | Room 703

A **AMPP Rocky Mountain Chapter Meeting**

11 a.m. to 12:30 p.m. | Hyatt Regency, Mineral A

C AT **CoatingsPro's 2023 Contractor Awards and AMPP Project Awards Program Presentations**

3 to 4:30 p.m. | PCW Area

CoatingsPro's Contractor Awards Program is designed to showcase and recognize the projects and crews that demonstrate excellence in the field of high-performance commercial and industrial coatings. (See page 64 for AMPP Project Awards.)

N **Leadership Lunch: Diversity, Equity, and Inclusion: More than the Right Thing to Do**

Noon to 1:30 p.m. | Room 205

Presented by: Tracy Spears, Founder of the Exceptional Leaders Lab

Explore and discuss why diverse teams perform better, uncover personal and institutional biases, and leave with an action plan for building a truly diverse and inclusive organization. Tracy Spears is a Certified Speaking Professional and the Founder of the Exceptional Leaders Lab. She specializes in developing leaders, inspiring teamwork, and enhancing inter-office communications. The innovative content in her keynote speeches and workshops is taken directly from her best-selling books, *What Exceptional Leaders Know* and *The Exceptional Leaders Playbook*. Her energetic and interactive approach has helped leaders and aspiring leaders all over the world improve their leadership skills, their communication, and their understanding of how people and organizations succeed. Tracy is a graduate of the University of Oklahoma and an accomplished athlete who was a member of the U.S. National Softball Team. Tracy is a member of the National Speakers Association and is one of the highest rated leadership, diversity and inclusion, and team development coaches.

Ticket required and can be purchased at registration for USD \$50 while supplies last.

Sponsored by



Wednesday, March 22

All meetings will be held at the Colorado Convention Center unless otherwise indicated. Click on the provided QR code to access the app and see the individual paper listing.

Student Poster Session Awards Ceremony

12:30 to 1:30 p.m. | Exhibit Hall — The Quad

Navigating the QP Accreditation Process, A Step-by-Step Guide for Coatings Contractors

1 to 2:30 p.m. | Exhibit Hall — AMPPiTheater 1

Presented by: Dave Evans, AMPP

In this workshop, we discuss strategies to gain access to better jobs and projects, add efficiency to your organization, increase your revenue, and reduce rework through improved processes and efficiencies required to achieve AMPP QP Accreditation. We will map out the process from start to finish including QP Program selection, application, required document submittals, audit checklists, onsite audit, and beyond. Let's get your organization ready to achieve one or more AMPP QP Accreditations.

Corrosion of Bipolar Plates in Energy Conversion Devices

1 to 3:30 p.m. | Room 406

Chair: Matt Aliof, GM | Vice Chair: Gareth Hinds, National Physical Laboratory, U.K.

This symposium is focused on advances in the study of bipolar plate (BPP) corrosion in electrochemical energy conversion applications such as fuel cells (FCs) and water electrolyzers (WEs). Organizers have invited active researchers from the industry as well as academia to send their latest findings on related subjects for this symposium. The topics of papers for this symposium will include but are not limited to the estimation of ion release due to corrosion under different operation conditions, corrosion products and their solubility in WE/FC environments, interaction of corrosion products with other components of WEs/FCs, durability of BPPs and stacks, and models for lifetime estimation of BPPs.

MR 21551 Meeting

1 to 3 p.m. | Rooms 104 & 106

Non-Metallics: A Solution Towards a Sustainable Future

1 to 5 p.m. | Room 708

Topics discussed in the forum:

- To present the cost-efficiency of non-metallics compared to conventional materials.
- To showcase the benefits of sustainable non-metallic materials in addressing environmental challenges, namely carbon emissions, and prompting recyclability efforts.
- To highlight the advantages of non-metallics in construction due to their durability and resistance to corrosion, and their

longer life cycle

- To accelerate technological developments in operations through R&D efforts to support S&R adoption for non-metallics.
- To overcome limitations of non-metallic standards through opening the channel for discussions.

AMPP Certified Cardholders – General Corrosion Updates to Various Corrosion and Internal Corrosion Topics

1 to 3 p.m. | Room 107

Oil & Gas Non-Metallics & Coatings Information Exchange (TCI)

1 to 4 p.m. | Room 703

Integrated External Corrosion Management

1 to 5 p.m. | Room 407

Presented by: Keith Parker and Marc Rouleau, Enbridge Liquid Pipeline; Trey Johnston, Corrpro; Christophe Baete, Elyca; Len Krissa and Paul Murray, Enbridge GTM; and Tom Hayden, EDI

Incorporating Modeling and Machine Learning in a Corrosion Management Program.

SC 08—Metallic Material Selection & Testing—Day 1 Session 2

1 to 5 p.m. | Rooms 103 & 105

SC 11—Electric Power

1 to 5 p.m. | Rooms 107 & 109

SC 22—Biodeterioration

3:30 to 5 p.m. | Rooms 104 & 106

SC 25—Accreditation Standards

3 to 5 p.m. | Room 108

State of the Art: Marine Scrubbers

1 to 5 p.m. | Room 506

Presented by: Bud Ross, Nickel Institute

Four informal presentations on marine scrubber corrosion as a part of the committee (team members) meeting on the new AMPP Standard SP21541. The standard provides information about the materials used in the handling discharge washwater piping from marine exhaust gas cleaning systems (EGCS or scrubbers), and the welding procedures needed for optimum corrosion resistance.

Wednesday, March 22

All meetings will be held at the Colorado Convention Center unless otherwise indicated. Click on the provided QR code to access the app and see the individual paper listing.

S Alternating Corrosion

1 to 5 p.m. | Rooms 705 & 702

Chair: Ryan Buchs, EN Engineering, LLC | Vice Chair: David Kemp, DNV

This symposium features technical papers on alternating current (AC) interference on buried pipelines, AC-induced corrosion, AC risk assessment, monitoring, and mitigation.

S Environmentally Assisted Cracking and Hydrogen Embrittlement – Research in Progress (RIP)—Day 2

1 to 5 p.m. | Rooms 710 & 712

Chair: Brendy Rincon Troconis, University of Texas at San Antonio | Vice Chair: Jenifer Locke, The Ohio State University

This RIP session includes presentations that focus on all aspects of environment assisted cracking and hydrogen embrittlement, with a specific focus on, but not limited to, cracking of stainless steels, magnesium, aluminum, nickel, additive manufactured, and high entropy alloys and conventional or newly developing corrosion resistant alloys (CRAs). Studies related to the resistance of materials to the initiation and growth of cracks during stress corrosion cracking, corrosion fatigue, and hydrogen embrittlement are included. In addition, studies related to the development of novel techniques to monitor crack initiation and growth, including pit-to-crack transition, testing protocols/environments, and life prediction models are featured.

S Corrosion Protection in Offshore Wind

1 to 4 p.m. | Room 603

Chair: Gunnar Ackx, SCICON worldwide bvba | Vice Chair: Lake Barrett, KTA-Tator Inc.

This symposium features technical papers related to what are the corrosion protection challenges in the Offshore Wind Energy Industry? What are the current solutions? What products, methods & technologies could be introduced to improve on this?

C **F** Thermal and Cold Spray Processes and Applications in Corrosion Mitigation

1 to 4 p.m. | Room 405

Presented by: Shiladitya Paul, TWI, and James Weber, Jakes K. Weber Consulting LLC

This session will cover interactive discussions on thermal and cold spray coatings for mitigation of corrosion and wear with a specific focus on (but not limited to) surface preparation, coating consumable selection, spray method selection, spray parameter development, in-line quality and inspection, testing and qualification, operational experience, cost reduction, maintenance, and repair. The subjects to be covered include the latest research and field experience on thermal spray coatings, materials, processes and strategies for corrosion control, etc. The group

will also discuss conventional and novel thermal and cold spray coating systems used to prevent corrosion and wear in offshore, onshore, oil and gas, subsea, marine, construction, chemical industry, refinery, construction, automotive, power, aerospace, etc. The open-forum format would allow fruitful exchange of ideas which would otherwise not be possible in a traditional Symposium.

AT Ultrasonic Inspection for Corrosion Inspection

1:30 to 2:30 p.m. | Exhibit Hall — AMPPITheater 2

Presented by: Jorge T. Reyna, JRSA Inspections, and Brenda de la Riva, Acum

Presentation objectives as follows:

- Explain What is the physical phenomena of Ultrasonic Testing Method.
- Explain some techniques derived from Ultrasonic testing as a Nondestructive Testing Method.
- Show how to use different types of conventional and advanced UT inspection systems.

A Global Partners Meeting

2 to 3 p.m. | Room 206

SA Coaching Sessions with Industry Experts (sign-up required)

2 to 4 p.m. | Exhibit Hall, SYP Lounge

Students and Young Professionals can sign up for 30-minute coaching sessions with industry experts.

A AMPP Certified Cardholders – Craftworker Updates – Application and Surface Preparation Updates

3 to 5 p.m. | Room 701

This session will discuss craftworker updates in regard to application and surface preparation. Attendees will receive PDHs that can be used for certification renewal. *Limited to AMPP certified card holders.

C **A** QP 5 Subcommittee Meeting

4 to 5:30 p.m. | Rooms 610 & 612

N Honoree Night

6 to 10 p.m. | Hyatt Regency, Capitol Ballroom

AMPP invites you to an evening of celebration as the association's awards are presented in recognition of members who have made outstanding contributions to AMPP and the corrosion control industry. Guests will enjoy a relaxing evening of networking, heavy hors d'oeuvres, and entertainment. Tickets are required.

Thursday, March 23

All meetings will be held at the Colorado Convention Center unless otherwise indicated. Click on the provided QR code to access the app and see the individual paper listing.

TC 08 Utilities Technical Committee Meeting

8 to 9 a.m. | Room 702

Research Program Committee Meeting

8 to 9:30 a.m. | Room 205

Hydrotesting, Mothballing, and Preservation

8 to 10 a.m. | Room 406

Chair: Jodi Wrangham, Baker Hughes | Vice Chair: Krista Heidersbach, Phillips 66

This symposium features papers related to corrosion and logistics issues associated with hydrotesting, mothballing, or preserving equipment. Examples will be on and offshore, in the shop and in the field. Equipment may be new or previously in service. Specific practices to minimize corrosion, or real-world examples of corrosion problems will be shared.

Recent Experiences with Nickel, Titanium, Zirconium, and Other Corrosion Resistant Alloys

8 to 10:30 a.m. | Room 507

Chair: Ralph Bäßler, BAM | Vice Chair: Ajit Mishra, Corteva

This symposium covers technical papers related to the practical use and experience with corrosion resistant alloys including nickel base, titanium, zirconium, and other corrosion resistant alloys.

Aboveground Storage Tank Bottom Cathodic Protection

8 to 11 a.m. | Rooms 710 & 712

Chair: Husain Al-Mahrous, Yuxi | Vice Chair: Zhao Wei

This symposium features technical papers on comparative study of CP for tank bottom, applications, challenges, types of CP systems, monitoring.

Direct Assessment

8 a.m. to noon | Room 506

Chair: Zineb Belarbi, National Energy Technology Laboratory | Vice Chair: Francois Ayello, DNV GL

This symposium features technical papers covering new technologies, methods, as well as case studies & histories in external corrosion, internal corrosion, hydrogen embrittlement and stress corrosion cracking by way of direct assessments.












Hydrogen and Emerging Fuels

8 a.m. to 11:30 p.m. | Room 708

Chair: Saba Esmaeely, DNV GL | Vice Chair: Chris San Marchi

This symposium will include technical papers related to transportation and storage of hydrogen and other low-carbon

PROGRAM COLOR LEGEND

-  Administrative/Other
-  AMPPiTheater
-  Contractor-Focused Sessions
-  Forum
-  Informational Session
-  Networking
-  Symposia, RIP, RTS
-  Student Activities
-  Standards Committee/ISO
-  Technical Communities of Interest
-  Workshops

fuels. Specific topics may include material compatibility concerns, hydrogen embrittlement and HIC, integrity and risk management concerns, processing, and storage considerations. Additionally, practical experience from operation of pure hydrogen or blended hydrogen / natural gas systems is encouraged to help improve the industry knowledge related to transportation of emerging fuels.

SC 04—Linings & Internal Coatings

8 a.m. to noon | Room 108

SC 08—Metallic Material Selection & Testing—Day 2

8 a.m. to noon | Rooms 111 & 113

SC 20—Internal Corrosion Management

8 a.m. to noon | Rooms 110 & 112

Machine Learning for Corrosion Management

8 a.m. to noon | Rooms 709 & 711

Chair: Francois Ayello, DNV GL | Vice Chair: Hao Chen, Energy Transfer Partner

This symposium features technical papers on how to model and/or manage corrosion using new machine learning techniques. This may include how to deal with large data sets, create digital twins, model corrosion (or other time dependent material degradation mechanisms) using artificial neural networks, Bayesian networks, decision trees etc.

Thursday, March 23

All meetings will be held at the Colorado Convention Center unless otherwise indicated. Click on the provided QR code to access the app and see the individual paper listing.

Real Time Corrosion Monitoring for Process Applications: Technology, Experiences, Case Studies

8 to 11 a.m. | Rooms 704 & 706

Chair: Matthew Ellinger, DNV | Vice Chair: Tod Barker, TDW

This symposium will feature technical papers on all aspects of pipeline integrity that can include pipeline integrity management, inspection, assessment, mitigation, operational aspects, regulatory issues, present and upcoming technologies, methods, experiences, and case studies, be it new technologies, new inspection methodologies, or new analyses.

New Organic Coating Technologies for Reduced Environmental Impact and Enhanced Protection

8 a.m. to 1:30 p.m. | Room 405

Chair: Sean Fowler, Q-Lab Corporation | Vice Chair: Wei Wang, Arkema

This symposium features technical papers on recent innovations in coatings science with a direct relevance for protective coating systems include new waterborne hybrid materials marrying conventional resins with fluorine and silicon chemistry, and new crosslinking approaches with lower impact on the environment and applicator health and safety. This symposium will explore the impact of these new innovations in full protective coating systems.

Cathodic Protection Technical Committee and CP Information Exchanges (TCI)

8 a.m. to 3 p.m. | Rooms 103 & 105

Corrosion Mitigation Techniques and Evaluations for Water Infrastructure

8 a.m. to 3 p.m. | Room 601

Chaired by: Christine Henderson and Bobbi Jo Merten, Bureau of Reclamation

Presented by: Alysso Bueno, Universidade Federal de São João del Rei; Jamey Hilleary, Elecsys Corporation; Bobbi Jo Merten, Christine Henderson, Grace Weber, and Atousa Plaseied, Bureau of Reclamation; Carolyn Ortiz, USACE-ERDC-CERL Paint Technologies Center; Antonio Flori, Denver Water; Vincent Hock, US Army Corps of Engineers; James Geisbush, Central Arizona Project; Bob Dahlstrom, Apellix; and Serviel Smolders, Smolders SSO

This topic will showcase new and improved techniques for corrosion prevention, mitigation, detection, and condition assessment on water infrastructure. The various structures of interest include water transmission and distribution pipelines, storage tanks, gates, and other water control structures. Protective coatings and cathodic protection are the primary methods for corrosion mitigation, and new options for long-

term corrosion protection and enhanced condition assessment tools are needed for these aging structures.

High Temperature Materials and Corrosion

8 a.m. to 3:30 p.m. | Rooms 705 & 707

Chair: Bill Valerioti | Vice Chair: Bingtao Li, Haynes International, Inc.

This symposium features technical papers for experience, testing, study, and practice of alloys and coatings when exposed to temperature of 400C and above. The topics include material properties and performance, corrosion cause and mechanism, analysis and characteristics, alloy and coating development, and corrosion management in the processes of power generation, refining, chemical, and petrochemical industries, such as fossil and hydrogen combustion, solar energy, supercritical fluid, molten salt, steam methane reforming, synthesis gas processes in hydrogen, ammonia and methanol production, etc.

Pipeline Integrity—Day 2

8a.m. to 2 p.m. | Rooms 605 & 607

Chair: Matthew Ellinger, DNV | Vice Chair: Tod Barker, TDW

This symposium will feature technical papers on all aspects of pipeline integrity that can include pipeline integrity management, inspection, assessment, mitigation, operational aspects, regulatory issues, present and upcoming technologies, methods, experiences, and case studies, be it new technologies, new inspection methodologies, or new analyses.

Advanced Protective Coatings Technology—Day 2

8 a.m. to 4:30 p.m. | Rooms 403 & 404

Chair: Benjamin Chang, PolyLab | Vice Chair: Tom Weber, Trenton Corporation

This Symposium is looking for the papers in the following areas; Offshore Windmill Coating (>25 years service life), Offshore Deck Coating Subsea Coating, Advanced Coating Application Technologies, New Pipeline Coating Development, CUI coating, Thermal Insulative Coating, Cathodic Disbondment Mechanism, Coating Blister Mechanism, Rust Creepage Mechanism.

Corrosion Control with Inhibition between Oil and Gas

8 a.m. to 3 p.m. | Room 505

Chair: Haitao Fang, Baker Hughes | Vice Chair: Yao Xiong, ExxonMobil

This symposium features technical papers on mechanistic or application studies on corrosion inhibitors in oil and gas production and transportation systems.

Thursday, March 23

All meetings will be held at the Colorado Convention Center unless otherwise indicated. Click on the provided QR code to access the app and see the individual paper listing.

C F Forum on OSHA Blood Lead Level Rule

8:30 to 10 a.m. | Rooms 401 & 402

Presented by: Shiladitya Paul, TWI, and James Weber, Jakes K. Weber Consulting LLC

OSHA (the Occupational Safety and Health Administration) and AMPP members play a critical role in ensuring safe and healthful working conditions for America's workforce. Join policymakers and industry experts for a discussion on how OSHA is considering updates to the Lead standards for general industry (applicable also to maritime) and construction. The forum will provide both a regulator and industry perspective on best practices and the latest developments

This forum is your chance to hear directly from OSHA. Additionally, you'll have the opportunity to hear from fellow members and stakeholders on the latest trends in workforce strategy.

T Fossil, Nuclear, Hydropower Generation Information Exchange (TCI)

9 to 10:00 a.m. | Room 702

A Research Program Committee Informational Meeting

9:30 a.m. to noon | Room 205

T Water Treatment Information Exchange (TCI)

10 to 11:00 a.m. | Room 702

T Additive Manufacturing Information Exchange (TCI)

10 a.m. to noon | Room 603

C A QP 3 Subcommittee Meeting

10:30 a.m. to noon | Rooms 610 & 612

T Renewable Energy Information Exchange (TCI)

11 a.m. to noon. | Room 702

C A QP General Subcommittee Meeting

1 to 2:30 p.m. | Rooms 610 & 612

T Hydrogen Information Exchange (TCI)

1 to 3 p.m. | Room 708

T TC 04 Transportation Technical Committee

1 to 3 p.m. | Rooms 110 & 112

T Oil & Gas Materials Selection & Metallurgy Information Exchange (TCI)

1 to 3 p.m. | Rooms 111 & 113

T Oil & Gas Materials Selection & Metallurgy – Test Methods Learnings Information Exchange (TCI)

3 to 5 p.m. | Rooms 111 & 113

T TC 11 Materials Technical Committee

1 to 3:30 p.m. | Room 603



NOTHING ELSE BELONGS ON YOUR HEAD



VISIT US!
BOOTH
#511
AT AMPP

PREPARE FOR THE SEASON.
MAKE IT HOME SAFELY.

»» ««
HARD HATS | SAFETY HELMETS | FACE PROTECTION

Bullard's robust line of head and face protection is comfortable, durable and designed for every jobsite.



SAFETY. SINCE 1898.™

CUSTOMIZE AT BUILDYOURBULLARD.COM | WWW.BULLARD.COM

CerAnode™

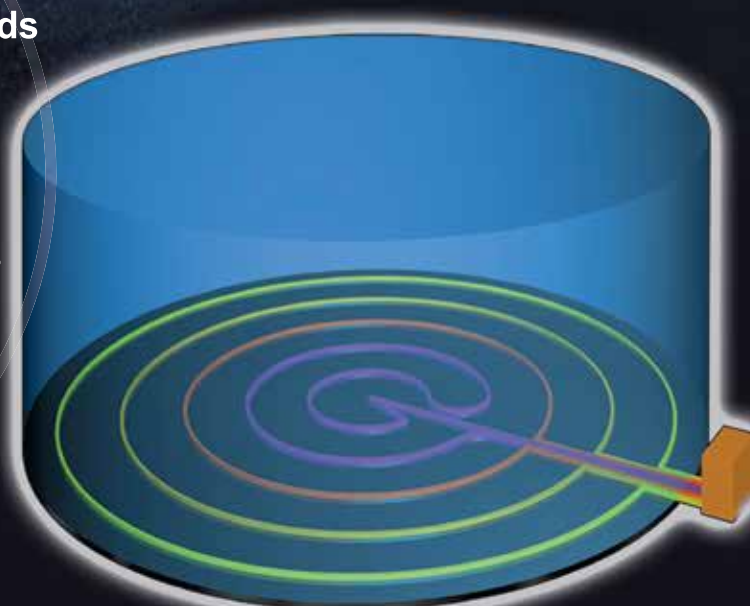
Manufacturing a full line of EMMO™ & MMO Anodes Since 1984

A World Standard



THE OPTIMIZED ANODE SYSTEM

- Discrete Concentric Arcs
- Each arc has individual redundant leads
- Arcs follow tank bottom symmetry
- Current distribution is optimized
- Groundbed resistance is optimized
- Designed for direct burial in sand
- 100% Factory heavy duty connections
- Less than 10% current attention
- Low cost
- Power efficient
- Easy to install
- Optional integrated Plastic Mesh
- 50-years design life
- JIT on site



The CerAnode PiggyBack

Tank Bottom (PBT) Anode System

CerAnode Technologies International 4011 Riverside Drive Dayton, OH 45405 USA

Telephone: **937-278-6547** Ext. 207 | Fax: **937-278-9480** | Email: **CerAnode@apsmaterials.com**

Student Poster Session

M FONTANA

Impact Of Fe ₃ O ₄ On The Performance Of An Imidazolium-Based Corrosion Inhibitor	Maria Serenorio	OU
Effect of Intermittent Wetting on Corrosion Inhibition in Oil/Water Systems	Yi He	OU
Biodegradation And Cytocompatibility Of Fluoride-Incorporated Plasma Electrolytic Oxidation Coating On Biodegradable Mg-Ca 0.8 Alloy	Menattullah Mohamed	The German University in Cairo
Role Of Acetic Acid On The Formation Of Protective Iron Carbonate Layers	Sahithi Ayyagari	OU
Corrosion Inclusive Compositionally Complex Alloy (CCA) Design: A Case Study In The Al-Cr-Fe-Mn-Mo-Ni-Ti System	Samuel Inman	Virginia
Pack Aluminizing Of Pure Metals – A Comparative Study	Reshmi Patel	CPP
Study Of Water Chemistry In The Presence Of NaCl And CO ₂	Kamila Turganova	OU
Effect Of Mixture Of LVT-200 And Aromatic-200 Model Oils Containing Surface-Active Compounds On CO ₂ Corrosion During Intermittent Oil-Water Wetting	Neda Norooziasl	OU
Application Of ASTM G67 To Cold Sprayed AA5083 And Alternative Methods To Evaluate The Degree Of Sensitization	Munsu Kim	Crimson Ua
Corrosion Behavior Of Additively Manufactured Stainless Steel 316L In Simulated Inflamed Joint Fluid	Ryan Brooks	Tamu
Effect Of Corrosion On Surface Deposition Of Sulphide Scales On Steel In H ₂ S – Containing Environments	Olawale Frank	Leeds
Studying The Effect Of Organic Acids On H ₂ S Corrosion Of Mild Steel	Andrew Trommer	OU
Effect Of Surface Roughness And Composition On The Corrosion Behavior Of Titanium Alloys In Physiological Media	Elio Penaloza	CPP
Study Of Microbially Influenced Corrosion In Real World Samples Using Zero-Resistance Ammetry	Sai Prasanna Chinthala	Akron
Development Of Graphene-PEKK Composites As Corrosion-Inhibiting Coatings: Mechanistic Probing For Practical Applications	Nikita Chitre	Indian Institute of Technology Bombay, India and Monash University, Melbourne, Australia
Investigating The Effect Of Processing On LPBF 316L Selective Corrosion	Timothy Montoya	Virginia
Galvanic Corrosion Between Varying Inhibited Carbon Steels	Curtis Duc Le	Tamu
Effect Of Trace Concentrations Of H ₂ S Introduced To Existing Sweet Corrosion Product Layers	Adam Cutright	OU
Effect Of Oil Viscosity On High Temperature Refinery Corrosion	Ishan Patel	OU
LPBF 3D Printing Of Stainless Steel 316L	Josh Fadeley	Boise
Assessment Of Conductive Sites On Carbon Fiber Reinforced Polymer Composite Using Electrochemical Methods	Priyanka Adapala	OSU

Student Poster Session

Chromized Type 409 Stainless Steel – A Suitable Structural Material For Hydrothermal Liquefaction Of Biomass?	Elliott Asare	McMaster
Development Of Test Sites In Alaska To Study Atmospheric Corrosion Of Metal Alloys In Cold Arctic Climate	Jozef Hunter	Alaska
Deposit-Induced Corrosion Of Nickel-Chromium Alloys In The Presence Of Calcium Compounds	Nicholas Ury	CPP
Effect Of Surface Preparation And Electrodeposition Process Parameters On The Corrosion Resistance Of Electrodeposited Coated Steel	Nayab ALI	UTSA
Surface Hardening By Pack Carburization – A Process Engineering Study	Fernando Fuentes	CPP
Corrosion Susceptibility Of Additively Manufactured 7050 Aluminum Alloys	Justin Geisley	Crimson Ua
Inhibiting Galvanic Corrosion on Aluminum Alloy-Carbon Fiber Reinforced Composite Joints Through Spontaneous Formation of an Aryl Diazonium Adlayer on the Exposed Carbon Fibers	Isuri Dammulla	MSU

HARVEY HERRO

Scientific Understanding Of Wash Interval Of Aircraft And Ground Assets	Irem Efe	OSU
Polyolefin Based Smart Composite Coatings Modified With Zn@ β -Cyclodextrin Hybrid Particles	Sehrish Habib	Qatar University
In-Situ Studies on Localized Alkalization Induced by Dissolution of Mg-based Phases in Alloys	Shulei Zhang	Monash
Slow And Sustained Release Of Corrosion Inhibitors To Prolong The Corrosion Protection Of Mild Steel	Aarti Gautam	International Advanced Research Centre for Powder Metallurgy and New Materials, (ARCI)
Mitigation Of Galvanized Steel Biocorrosion By Nitrate Reducing Pseudomonas Aeruginosa Biofilm Using THPS Biocide	Lingjun Xu	OU
Quantification Of The Return On Investment For Corrosion Investment Projects Utilizing Maintenance Data	Graydon Goss	LMI - McLean, VA
Effect Of End-Of-Life (EOL) Content In High-Pressure High-Vacuum Die Cast (HPHVDC) Aural2 (AlSi10Mg-T7) On Corrosion Behaviour	Yuki Ando	McMaster
Evaluating The Effect Of Surface Finishing On Microbial Induced Corrosion Of Pipeline Steel	Eman Almutawa	King Fahd Uni
Development Of A Downhole Corrosion Modeling Software	Martin Colahan	OU
Reviewing The Influence Of Temperature On H ₂ S/CO ₂ Corrosion Of Mild Steel	Zhuldyz Zhigulina	OU
Self-Corrosion Susceptibility of Zinc Anodes in Zinc Ion Batteries	Elnaz Bahmani	McMaster
Corrosion Of Mechanically Alloyed Mg-Ti-Zn Coating In Biomedical Applications	Yoel Emun	Crimson Ua

Student Poster Session

Link The Inhibitor Adsorption Behavior And Corrosion Inhibition Mechanism By Atomic Force Microscopy	Huiru Wang	OU
Ceramic Matrix Composites – Processing, Microstructure And Abrasion Resistance	Steven Maldonado	CPP
Impact Of Pipeline Clock Position On MIC Of X65 Pipeline Steel By A Super Corrosive SRB	Adnan Khan	OU
Impact Of Laser Peening Surface Treatment On Crevice Corrosion And Repassivation Of Inconel 625	Skylar Elliot	Crimson Ua
Early-Stage Oxidation Of Ni-Base Superalloys In Different Oxidizing Atmospheres	Ezequiel Jimenez	CPP
Influence Of The Zr-Based Conversion Coating Medium Concentration On The Morphology Of The Steel Surface	Anna Poropat	Feroplast-buje
Quantitative Investigation Of The Role Of Cementite On The Performance Of An Imidazolinium-Type Corrosion Inhibitor	Shuai Ren	OU
Erosion And Erosion/Corrosion Of Metallic Alloys In Flowing Slurry Environments	Michael Kloesel	CPP
Cathodic Protection Effectiveness Of AA2024 Galvanically Coupled With Mg And Simulated Polymer Component	Emma Laubengayer	Virginia
Heat Treatment Of UNS N31603	Gabriela Pena	Tamu
Effects Of Cl ⁻ And H ₂ S Activity On Passive Film Structure And Breakdown Of Modified 13Cr Martensitic Stainless Steels	Alan Martinez	UTSA
Evaluation Of The Corrosion Behavior Of 316L Stainless Steel Synthesized By The Ball Milling Method	Brisa Martinez	Tamu
The Impact Of 1-Benzyl-4-Phenyl-1H-1,2,3-Triazole As A Green Organic Corrosion Inhibitor On Three Different Steel Reinforcing Bars	Jorge Escribano	UTSA
Formation Of Layered Anodic Oxide Blisters In The AA2050-T84 Alloy And Its Behavior In Corrosion	Shirley Navas	Federal University of Rio Grande do Sul
Influence Of Strain And Reversed Austenite Content In The Pitting Of Supermartensitic Stainless Steel With Hard TiN Inclusions	Lucas Souto	URFGS
Formation Of Layered Anodic Oxide Blisters In The AA2050-T84 Alloy And Its Behavior In Corrosion	Shirley Navas	Federal University of Rio Grande do Sul



Access the
Official AMPP
Conference
App!



Scan QR Code

Student Poster Session

MARCEL POURBAIX

Potentiostatic Simulation Of Localized Corrosion In Inhibited Environments	Bernardo Augusto Santos	OU
Effect Of Ageing Temperature On The Localised Corrosion And Atmospheric Stress Corrosion Cracking Of 15 5PH Stainless Steel	Alyshia Keogh	Manchester
Electrochemical Investigation And Modeling Of Cathodic Reactions On Iron Sulfides In Acidic Solutions	Payman Sharifi Abdar	OU
Electrochemical Evaluation Of Metal Rich Primers Applied To An Al-Zn-Mg-Cu Alloys: A Comparison Between Laboratory Diagnostic Testing And Accelerated Life Testing	Alen Korjenic	Virginia
Effect Of Austenite Stability On Aluminizing Of Stainless Steels	Vincent Nguyen	CPP
Corrosion Assesment Of Structural Alloys In Biomass-Derived Pyrolysis Oil Via Electrochemical Approches	Haoxiang Wang	Ulberta
The Effects Of Almond Flower Extract As An Environmentally Friendly Inhibitor, Temperature, And Immersion Time On Tin Corrosion Behavior In 3T% Acetic Acid, Using Design Of Experiment	Sara Lahmady	Sultan Moulay Slimane University
Effect Of Size And Size Distribution Of Nb-Bearing Precipitates On Hydrogen Trapping Capacity Of Model Fe-C-Mn-Nb Steel	Sara Filice	McMaster
Effect Of Molybdenum Content On The Corrosion Behavior Of Directed Energy Deposited (DED) Co-Cr-Mo Alloys In Hank's Solution	Deeparekha Narayanan	Tamu
Evaluating The Use Of 9Cr-1Mo-V In Hydroprocessing Reactors	Yousef Aldossary	Georgia Institute of Technology
Corrosion Behavior Of Candidate Alloys For Geothermal Applications	Harjot Singh	OU
Surface Modification Of A Ferritic Stainless Steel For Solid Oxide Fuel Cell Interconnects	Logan Gallegos	CPP
Corrosion Induced Hydrogen Absorption Of Cold-Drawn Pearlitic Prestressing Steel	David Dukeman	USF
Effect Of Temperature And Salinity Variation Of Artificial Seawater On The Growth Of Calcareous Deposits And Its Impact On Cathodic Protection Systems	Juan Bohorquez Rico	Universidad Veracruzana
Electrochemical Monitoring Of Microbiological Activities Using Split-Cell Zero Resistance Ammetry	Joshua Davis	Akron
Microstructural Characterization And Corrosion Performance Of Non-Equilibrium Processed Extended Solubility Mg Alloys	Alexander Helmer	NCSU
Investigation Of CO2 Corrosion Inhibitor Adsorption And Desorption Behaviors	Kasra Shayar Bahadori	OU
UNS N06625 Passive Film Growth Studied By Synchrotron XPS And Electrochemical Techniques.	Josefin Eidhagen	Allemina
Study Of Hydrogen Kinetic Models For Measuring The Ingress And Egress Of Hydrogen In Additive-Manufactured Ni Alloys	Luis Perdomo	UTSA
Effect Of Chloride On Electrochemical Behavior Of Magnetic Shape Memory Alloy	Benjamin McDonald	Boise
Initial Stage Of Pitting Corrosion Of Austenitic Stainless Steel 316L Under Sea Salt And MgCl2 Salt Solution Droplet	Tasnia Fatime	UTSA

Student Poster Session

Modeling The Corrosion Products Of A Zn/Carbon-Steel System In Simulated Concrete Pore Solution.	Allan Ruiz	UNAM-Texas A&M University
Mechanical And Environmental Loading Effects On The Corrosion Of Airframe Alloys	Meggan Wolanin	UTSA
Alloy Surface Evolution During Exposure To A Corrosive Environment Studied With Electrochemical Atomic Force Microscopy	Olivia Maryon	Boise
Anomalies Associated With The Oxygen Reduction Reaction	Shrirang Deshmukh	OU

Stock up on your corrosion and coatings resources **TODAY!**

The AMPP Technical Library has over 100 titles dedicated to corrosion control and prevention and coatings.



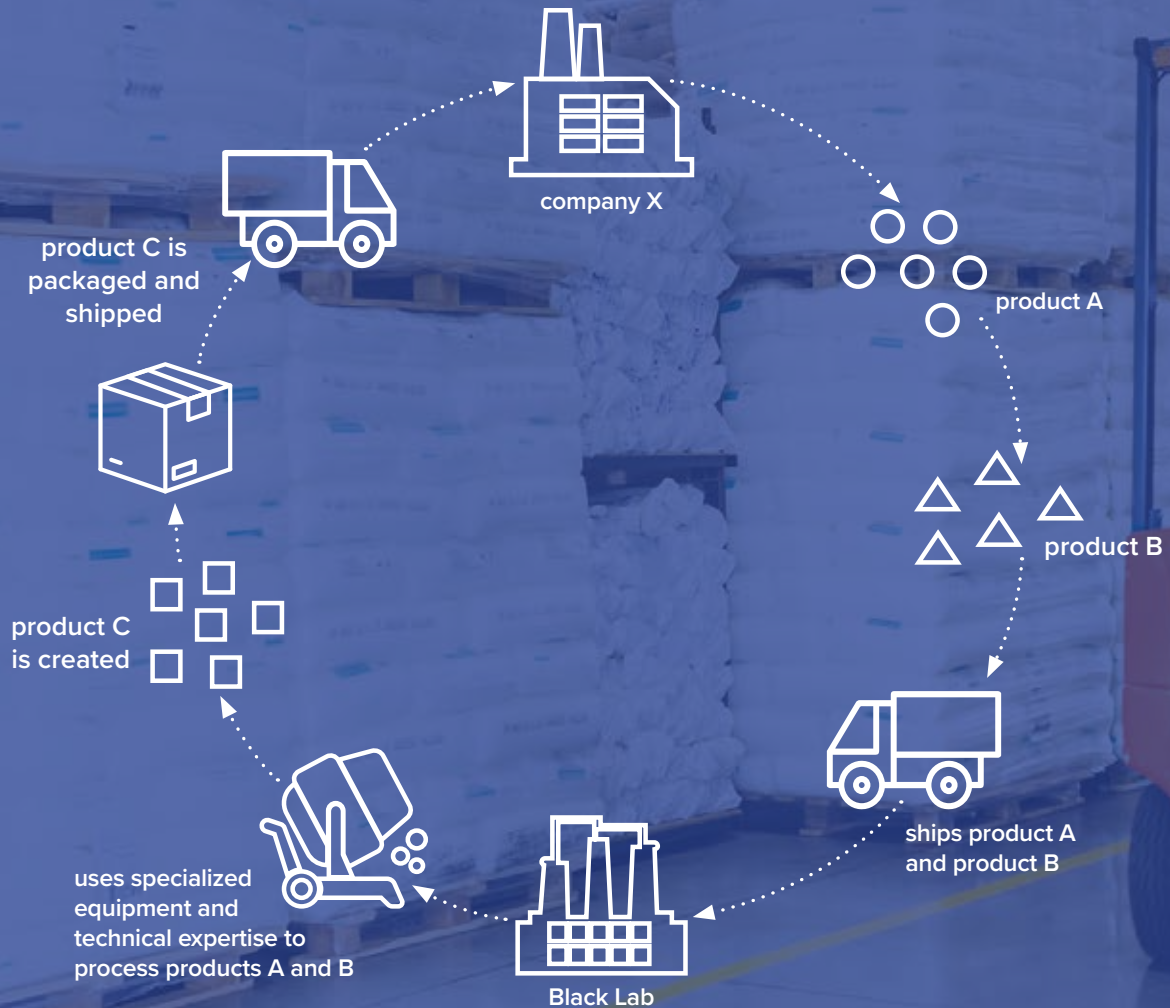
Explore the AMPP Store at ampp.org/resources/store





Black Lab[®]
Custom Toll Blending

**Your proprietary formula.
Your exact specifications.
Accurately, confidentially, and on time.**



**Visit Booth 624
at the AMPP show**

Contact us at 800.258.3878 or
blacklab.customerservice@coviacorp.com
Coviacorp.com/ampp



TARGETING CORROSION AT ITS CORE™

CorrZe™

FIELD-TESTED CONTRACTOR APPROVED



Stacey Knowles *Senior Project Manager, NuWave Group*

Corr-Ze™ is a game changer in our industry. This product could be \$1,000 per pail and we would STILL be more profitable on our projects while using it!



Mathew Elmore *General Superintendent, Mitchell Energy Services*

This stuff has saved me on a few jobs. One of the jobs I couldn't get it to pass the CSN test and used this stuff and passed with all 0.



Robert Johnson *HDD Inspector,
Gulf Interstate Field Services*

One of the biggest selling points for me was a peace of mind, knowing that I can adhere to my daily work scope instead of stressing over weather delays. Another is the quality of the end result. Any time surface prep can be optimized, there is less of a chance for failure. And for me personally, I take pride in delivering a high-quality product.



WATCH VIDEO

SCHEDULE A DEMO

 713.589.3587

 info@crwusa.com

 crwusa.com

CRW COMPANIES
CONSULTING & DISTRIBUTION



AMPP Awards

The AMPP Awards Program Committee has developed a new awards slate that embodies the rich legacies of NACE and SSPC while establishing new ways to honor AMPP's outstanding members. At AMPP, our members are driven to be the most skilled and remarkable professionals in the Materials Performance and Protection industry. AMPP is proud to award and recognize our members' achievements and contributions.

Congratulations to AMPP's 2023 Award Recipients

Russell Brannon & John Keane Signature Award

Recognizes a current member of AMPP whose outstanding service and leadership has contributed to the development, advancement, and promotion of the Association objectives.

Recipient: **Debra Boisvert**

Joyce Wright Industry Impact Award

Recognizes women who have contributed to creating a positive impact on the culture of the materials protection and performance industry, mentoring, and providing wisdom to others in the industry.

Recipient: **Dawn Eden**

Willis Whitney Technical Achievement Award

Recognizes an individual for outstanding contributions and merits that have received international recognition and impacted the global dissemination, advancement, and understanding of materials protection and performance-related phenomena and processes.

Recipient: **Vilupanur A. Ravi**

Oliver Moghissi Asset Integrity Management Award

Recognizes exemplary support to the materials protection and performance industry through work that bridges the gap between maintenance/operations activities and the use of business management systems in the realm of asset integrity.

Recipient: **Dr. Samir Degan**

Educator Award

Recognizes individuals who demonstrated exemplary commitment to the advancement of knowledge in materials protection and performance, both in academic and non-academic settings.

Recipient in honor of Herbert Uhlig: **Jenifer Locke**

Recipient in honor of Richard Drisko: **David A. Hunter**

Publications Award

Recognizes the most impactful nominated publication in each of the Association outlets (CORROSION journal, MP or CoatingsPro, and the Annual Conference), which appeared in the previous calendar year.

Recipient: **Robert E. Melchers**

Long-Term Immersion Corrosion of Irons and Steel in Seawaters with Calcareous Deposition (CORROSION 77, 5 [2021]: p. 526–539)

Recipients:

Mr. Ahmad Raza Khan Rana

Zoheir Farhat

Graphene — An Upgrader for Fragile Ni-P Coatings- (Materials Performance 60, 1 [2021]: p. 34–38)

Fellow Honor

Recognizes outstanding and significant contributions of academic, mentoring, technical and policy efforts in the field of materials protection and performances.

Recipients:

Conchita Mendez

Feng Gui

Fritz Friedersdorf

Hervé Marchebois

Jeffrey Didas

Qiwei Wang

Richard Eckert

Supratik Roychowdhury

Early Career Excellence Award

Recognizes individuals that worked in academia, research, industry, or government for ten years or less and had excellent contribution and exceptional promise in materials protection and performance.

Recipients:

Ajay Krishnan M

Brendy, Rincon Troconis

AMPP Awards

Elaine Bowman Distinguished Service Award

Recognizes notable and cumulative contributions in assigned or unassigned duties or responsibilities to assist in advancing the work of the Association.

Recipients:

Amer Jarragh
Brooke Divan
Daniel Wagner
Manoj Mishra
Muhsen A.M. Elhaddad
Roberto Morana
Dr. Robin Douglas Tems
Stephen Ngai

Oladis Troconis de Rincón Field Applied Technology Award

Recognizes achievements in the application of engineering & scientific principles to the protection and preservation of field structures and property.

Recipients:

Andrés Antonio Torres-Acosta
Pedro Castro Borges
Sergei A. Shipilov
Sten Axelsen
Y. Frank Cheng

Distinguished Organization Award

Recognizes remarkable service and efforts in advancing the mission and core values of AMPP by a group of individuals, a team, or an organization.

Recipient: Enbridge - Liquids Pipelines



Project Awards

The AMPP Project of the Year Awards category recognizes superior performance, management approaches, innovation, or other achievement in the commission of materials protection technologies for new construction, maintenance projects, or remediation/rehab of existing assets or buildings, and public service impact through community service projects.

Community Service Award

This project award recognizes extraordinary service benefiting a community. The qualities that may represent achievement may include projects conducted for the purposes of humanitarian causes, non-profit work, community awareness, honoring military veterans, museums, education facilities, and others.

Recipient: **Riverfront Park Red Wagon**

Location: Spokane, WA, USA

Structure Owner: City of Spokane Parks and Recreation Department

Contractor/Applicator: Northwest Sandblast and Paint

Coating Material Supplier: Sherwin-Williams

Local Artist-Original Creator: Ken Spiering

Excellence in Coating Craftsmanship

Project in honor of E. Crone Knoy and Charles Munger

This project award recognizes outstanding achievement in commercial or industrial coatings work that demonstrates innovation, durability, or utility. Qualities considered include excellence in craftsmanship and use of state-of-the-art techniques or products to creatively solve problems.

Recipient: **USNS William Mclean (T-AKE 12)**

Location: Mobile, AL, USA

Structure Owner: Military Sealift Command

Contractor: Alabama Shipyards, LLC

Applicator: US Coatings

Coating Material Supplier: PPG Protective & Marine Coatings

AMPP Awards

Excellence in Management of a Complex Materials Protection Project

Project in honor of George Campbell

This award recognizes superior management of a complex materials protection project involving one or multiple materials protection solutions such as cathodic protection, protective coatings, materials selection, or design.

Recipient: **USS John C. Stennis CVN-74 Aircraft Carrier Refueling & Complex Overhaul**

Structure Owner: US Navy
Contractor/Applicator: Mid-Atlantic Coatings, Inc
Coating Material Supplier: The Sherwin-Williams Company
Architect/Engineer/Consultant: HII-Newport News Shipbuilding

Key Companies:
V.O. Baker Company
WIWA LLC
BARTON International

Excellence in Technical Support of Materials Protection Systems

This award recognizes individuals or teams exhibiting the highest degree of commitment, professionalism, and reliability while providing technical support in the operation and maintenance of materials protection systems for assets and infrastructure.

Recipient: **Milky Way Digester**
Location: Maricopa, AZ, USA
Structure Owner: Avolta
Contractor/Applicator: Barrier Insulation
Coating Material Supplier: Sherwin-Williams Protective & Marine

Outstanding Achievement in Coatings Work in a Fixed Shop

Project in honor of Eric Kline

This project award recognizes outstanding achievement in industrial coatings work performed in a fixed shop facility. The project can be repair work or new construction.

Recipient: **Harry Nice New Middleton Bridge Project**
Location: Newburg, MD, USA
Structure Owner: Maryland Transportation Authority
Contractor/Applicator: High Steel Structures
Coating Material Supplier: Carboline Global
Architect/Engineer/Consultant: SCS, Inc.
VP Technical Resources: High Steel
Field Contractor: Titan Industrial Services
Senior Director of Communications and Marketing: MDTA

Outstanding Engineering in the Area of Materials Protection or Remediation

This award recognizes owners and engineering firms for projects that demonstrate extraordinary achievements in the design and installation of materials protection systems.

Recipient: **Robotic Surface Preparation of Tank 552 at BPX Black Hawk Facility**

Location: Texas, USA
Structure Owner: BPX
Contractor/Applicator: Innovative Surface Prep (ISP)
Architect/Engineer/Consultant: BP
Senior Corrosion Engineer: BP
Lead Integrity Engineer: BPX
Corrosion Engineer: BP

Recognition of Excellence in Aesthetic Merit in a Coatings Project

Project in honor of William Johnson

This project award recognizes outstanding achievements demonstrating aesthetic merit in industrial or commercial coatings work.

Recipient: **Glass City River Wall Mural**
Location: Toledo, OH, USA
Coatings Consultant: Tnemec Company
Project Manager: Glass City River Wall
Operations Manager: Urban Sight, Inc.

The AMPP Project Awards will take place in the PCW Area on Wednesday, March 22, from 3 to 4:30 p.m.

For more details about AMPP Awards (Recipients, Nomination Deadline, Guidelines, and Requirements), visit AMPP.org/awards.

40

1983 - 2023

DAIRYLAND
ELECTRICAL INDUSTRIES

**VISIT US IN
BOOTH 1447**



FOR 40 YEARS, WE'VE BUILT THEM RUGGED

SO YOU CAN RELY ON THEM TO PERFORM

Dairyland Electrical Industries is the world's leading manufacturer of solid-state decoupling products for the corrosion protection industry. We've been making rugged and reliable products since 1983. After 40 years in business, 99.99% of them still work.



Learn more about our
Always Rugged Promise:
[Dairyland.com/AlwaysRugged](https://www.dairyland.com/AlwaysRugged)

PosiTector® Inspection

Unrivaled probe interchangeability

Coating Thickness Probes

- Ferrous ■ Non-Ferrous ■ Combination ■ Ultrasonic

Surface Profile Probes

- Depth Micrometer ■ Replica Tape Reader

Environmental Conditions Probes

- Integral ■ Cabled Magnetic Probe ■ Anemometer Probe
- 1/2" NPT ■ Infrared

Hardness Probes

- Shore ■ Barcol

Salt Contamination Probe

- Bresle Method

Gloss

- 60° ■ 20°/60° ■ 20°/60°/85°

Ultrasonic Wall Thickness Probes

- Corrosion ■ Multiple Echo Thru-Paint ■ Precision
- Low Frequency ■ Xtreme



Available on the
App Store



Customized Inspection Kits...

Build your own kit from a selection of gage bodies and probes to suit your needs.



Coating
Thickness



Surface
Profile



Environmental
Conditions



Hardness



Salt
Contamination



Ultrasonic
Wall Thickness



Backwards Compatibility! The PosiTector gage accepts ALL coating thickness (6000/200), environmental (DPM), surface profile (SPG/RTR), salt contamination (SST), hardness (SHD/BHI), gloss (GLS), and ultrasonic wall thickness (UTG) probes manufactured since 2012.

DeFelsko®
The Measure of Quality

DeFelsko Corporation • Ogdensburg, New York USA
Tel: +1-315-393-4450 • Email: techsale@defelsko.com
1-800-448-3835 • www.defelsko.com


Made in U.S.A.



SUPERHYDROPHOBIC ADDITIVES

A NEW STANDARD IN CORROSION PROTECTION

Barrian is the only superhydrophobic additive capable of producing volumetric superhydrophobic protection throughout a coating thickness, creating previously unimaginable levels of corrosion protection.



- VERSATILITY FOR ALL COATING SYSTEMS
- REMARKABLE ANTIFOULING PERFORMANCE WITHOUT THE USE OF TOXIC CHEMICALS
- UNSURPASSED WATERPROOFING FOR WOOD AND OTHER MATERIALS
- ANTI-ICING CAPABILITIES



BLACK BEAUTY GLASS



BLACK BEAUTY IRON

SURE CUT
EDGE

SURE CUT
VELOCITY

THE ORIGINAL
BLACK BEAUTY®



BLACK BEAUTY PLATINUM

THE
EVOLUTION OF THE
MOST TRUSTED ABRASIVE

www.blackbeautyabrasives.com
www.surecutabrasives.com

1-888-733-3646
reedcs@harsco.com

Exhibitors

Expo Schedule

Monday

5 to 8 p.m. (Expo Grand Opening)

Tuesday

9 a.m. to 5 p.m. (unopposed hours from 9 to 10 a.m.)

Wednesday

9 a.m. to 5 p.m.

MONDAY		TIME
	Cathodic Protection (CP) Field	5 – 8 p.m.
	Coatings Experience	5 – 8 p.m.
	Expo Grand Opening*	5 – 8 p.m.
	Silent Auction Bidding	5 – 8 p.m.
	Student Poster Session	5 – 8 p.m.

TUESDAY		TIME
	CP Field	9 a.m. – 5 p.m.
	Coatings Experience	9 a.m. – 5 p.m.
	Silent Auction Bidding	9 a.m. – 5 p.m.
	AMPPiTheaters	9 a.m. – 5 p.m.
	Complimentary Lunch	11:45 a.m. – 1 p.m.
Student Poster Session	Noon – 1 p.m.	

WEDNESDAY		TIME
	EMERG Student Camp	10 a.m. – 4 p.m.
	Silent Auction Bidding	10 a.m. – 4 p.m.
	CP Field	10 a.m. – 5 p.m.
	Coatings Experience	10 a.m. – 5 p.m.
	AMPPiTheaters	10:30 a.m. – 5 p.m.
	Student Poster Session Winners Announced	12:30 – 1:30 p.m.
	CoatingsPro and AMPP Project Award Winners Announced	3 – 4:30 p.m.
	Harley Giveaway	4:45 p.m.

*Due to laws/liabilities, no one under the age of 18 will be given access to the Exhibit Hall during the Expo Grand Opening on Monday, March 20. Complimentary lunch is available for full conference attendees.

MONDAY

Expo Grand Opening

5 to 8 p.m.

AMPP and our exhibitors are excited to unite in person, network, and foster new relationships in the exhibit hall. The Expo Grand Opening kicks off the opening of the hall with a complimentary drink ticket redeemable at any bar placed throughout the hall. Take this opportunity to see what new innovations our exhibitors have been up to, network with those in your industry and check out the fantastic hands-on training our test fields have to offer.

Sponsored by



WEDNESDAY

Student Poster Session Award Ceremony

12:30 to 1:30 p.m.

The best student posters will be recognized in the Student Poster Awards Ceremony for first-place, second-place, and third-place posters in three poster categories along with the best undergraduate poster. Winning students will receive monetary prizes, sponsored by BP, and the first-place winners of each category will be invited to publish an open access Poster Award Research Letter in CORROSION journal, the sponsoring publication.

Sponsored by



CoatingsPro Magazine's Annual Contractor and AMPP Project Awards Programs

3 to 4:30 p.m.

CoatingsPro's Contractor Awards Program is designed to showcase and recognize the projects and crews that demonstrate excellence in the field of high-performance commercial and industrial coatings. Award winners in seven categories—Commercial Concrete, Commercial Roof, Industrial Concrete, Industrial Steel, Specialty Project, Work It Safe, and Contractor Crew MVP—will be announced along with the AMPP Project award winners.



Exhibitors

MULTI-DAY EVENTS

AMPPiTheaters

Access a variety of unique presentations on materials protection through corrosion control and protective coatings in the exhibit hall's AMPPiTheater. We offer two mini auditoriums that feature industry leaders and AMPP staff who will facilitate interactive discussions on infrastructure and asset protection that are relatable to your own field of expertise. AMPPiTheaters will be open to conference attendees and exhibit visitors on Tuesday, March 21 and Wednesday, March 22.

Please see the program schedule for specific presentation times.

Cathodic Protection Field

Check out the field-testing exhibit on the show floor—an actual representation of a cathodic protection (CP) field with the opportunity for hands-on activities. Perform several CP-related tests at the field-testing exhibit and learn from industry experts who will be available to answer questions or discuss CP problems you may have. This is your opportunity to gain hands-on experience by performing tasks such as:

- CP interference
- Alternating current voltage mitigation
- Electrical isolation testing and short locating

Coatings Experience

While you're in the exhibit hall, be sure to stop by the Coatings Experience. This is an interactive area that will introduce those interested in coatings to the ins and outs of application, surface preparation, inspection plans, and coatings selection in a fun and interactive way!

Dairyland Lounge

This year, Dairyland Electrical Industries is celebrating its 40th anniversary and we're bringing the party to you! Stop by the Dairyland lounge (#1475) to play a game of cornhole, enter our anniversary raffle for your chance to win one of FORTY great prizes, and enjoy a mini pint of ice cream in honor of our Wisconsin heritage. We can't wait to celebrate with you!

Sponsored by



Heavy Equipment Area

AMPP Annual Conference + Expo will have a designated area for heavy equipment that will allow companies to display

large appliances. See equipment such as skid mount vacuums, blasting systems, combination of dust collectors or high-performance vacuum power units, and more up close and in an indoor setting.

High Rollin' for a Harley Giveaway

We are giving away a Harley Davidson, and this is YOUR chance to win! Visit each High Rollin' for a Harley sponsor at AMPP Annual Conference + Expo to collect a playing card from each sponsoring booth. Once all playing cards have been collected, hightail it over to the Harley on the Exhibit Hall floor, and complete the submission card to enter to win. Winner will be announced Wednesday at 4:45 p.m. in the exhibit hall.

Sponsored by



Product Showcase

Stop by AMPP's Product Showcase to see the latest innovations and new products from our exhibiting companies. The Product Showcase is your first look at the industry's cutting-edge technology and includes product descriptions along with the exhibiting company's booth number. The Product Showcase is located in the Main Lobby of the Convention Center by the Blue Bear.

Exhibitors

Silent Auction

Take a break from the action in the exhibit hall and browse the wide variety of items and collectibles available at the silent auction. Items will be on display and open for bidding during conference hours through 4 p.m. on Wednesday, March 22.

Proceeds will benefit the EMERG Student Outreach Program in our efforts to open doors to new opportunities for students and veterans through a variety of new engagement programs. This new program is designed to raise awareness of career paths in the materials protection field.

Student Poster Display

To encourage student involvement in the field of coatings and corrosion technology, the AMPP Research Program Committee and BP sponsors a Student Poster Session at AMPP Annual Conference + Expo. Posters will be on display in the exhibit hall on Monday evening through Thursday, and the display will be staffed by students on Monday from 5 to 7 p.m. and Tuesday from noon to 1 p.m.

Winners will be announced on Wednesday at 12:30 p.m.

Sponsored by



INDURON

PROTECTIVE COATINGS

BOOTH #630
AT AMPP ANNUAL
CONFERENCE + EXPO

LOOK BENEATH THE SURFACE



TD
POWER
Transmission & Distribution
EXTREME ASSET PROTECTION

PROTECTO 401™
THE PROVEN CERAMIC EPOXY LINING.

RELIABLE PROTECTION THROUGH INNOVATIVE COATINGS

INDURON

PROTECTIVE COATINGS

- Water Tank & Treatment Plant
- Industrial
- Power
- Pipe Products

induron.com
info@induron.com
205-324-9584



▶ SCAN ME

VISIT INDURON AT AMPP ANNUAL CONFERENCE & EXPO - BOOTH #630

MMO Mesh for Concrete Corrosion Prevention and Repair

Ribbon Anodes • Discrete Anodes

www.jenningsanodes.com

www.jenningsanodes.co.uk



**FASTEST-POSSIBLE DELIVERY
ACROSS THE COUNTRY**

Our worldwide network of sales and service centres can provide immediate advice and assistance on the complete range of MMO anodes.

Global Headquarter

3115 North Fry Road Ste 303, Katy,
Texas 77449, United States

Email: sales@jenningsanodes.com
Tel: +1 (281) 501 8398 / +1 (713) 799 3884

UK Office

Tatham Street, Hendon, Sunderland
SR1 2AG, United Kingdom

Email: info@jenningsanodes.co.uk
Tel: +44 (0) 191 510 8843

Asia Pacific Office

120 Lower Delta Road, #07-13
Cendex Centre, Singapore 169208

Email: inquiries@jenningsanodes.com
Tel: +65 96496211



AMPP Connect

Thank you to our sellers

for participating in our first-ever
hosted buyer program!



BLASTONE
SUPERIOR PERFORMANCE



Coatings - Linings - Fireproofing



Innovation based. Employee owned. Expect more.



Interested in participating next year?
Scan the QR code to learn more.



SAVE THE DATE!

LatinCORR & InterCorr

The largest gathering of corrosion and coatings professionals
in Brazil in 2023.



Hosted by:
AMPP, AMPP Brazil Chapter & ABRACO

November 5-8, 2023

Windsor Barra Hotel
Av. Lucio Costa, 2630-Barra de Tijuca
Rio de Janeiro, Brazil

For details, contact lesley.martinez@ampp.org



Exhibitors

C Corporate Members

S Sponsor

Corporate members/sponsors as of 1/31/2023

C 10X Engineered Materials

Booth 1673

10X Engineered Materials is a technology-driven manufacturer producing a new category of sustainable, high-performance abrasives called superoxalloy. We have developed products that meet the critical industry need for fast, cost-effective abrasives. Our abrasives are fast acting on tough coatings and leave an excellent profile with a white metal finish and virtually no embedment. Sustainably sourced and manufactured in the USA. Address: Wabash, IN. Website: www.10xem.com.

A.W. Chesterton Company

Booth 601

Website: www.chesterton.com

C Automa srl

Booth 869

A complete solution for your cathodic protection remote monitoring system! Through its brand GOLIAH®, AUTOMA offers a complete, integrated and purpose designed solution for remote monitoring and control of cathodic protection systems of buried metal structures in water, gas and oil industries. It is the result of more than 35 years of experience with over 40.000 units in service worldwide. All the necessary tools in a single place for a correct and timely monitoring in accordance with the current industry standards. This guarantees network operators a real and complete ownership of all the data and enabling a real-time and accurate control of the cathodic protection system. Address: Ancona, Italy. Website: www.byautoma.com

Abrasives Inc.

Booth 1416

Abrasives Incorporated, home of Black Magic® Coal Slag, is the leader in coal slag, blast media and equipment sales. We serve surface prep and coating professionals from start to finish. Based in North Dakota, we deliver to customers throughout the world. One call and we take care of it all. Address: Glen Ullin, ND. Website: www.abrasivesinc.com.

Abriox Inc.

Booth 1324

Abriox Inc is an award-winning high-tech specialist in remote monitoring and control solutions for cathodic protection. Our products are used by the world's top utility companies. Our best-in-tech SUNBIRD range utilizes 5G IoT for communication to 2030 and beyond, and has Abriox USync!™ built into every RMU to provide automatic synchronization of all devices along a pipeline down to 10 milliseconds. The solar-powered SUNBIRD SP Test Post Monitor, which customers have called the industry 'game-changer', is an AMPP Materials Performance Innovation

Awards 2023 finalist. Our Merlin™ range has earned the reputation as the benchmark in reliable, accurate and easy-to-use RMUs with outstanding customer support. Abriox's web-based, user-intuitive iCPSM4 software allows control of pipeline data from any device connected to the internet, including cell phones. USA HQ Address: Richmond, TX. Website: www.abriox.com.

Access Plug Flange, Inc.

Booth 1365

Access Plug Flange, LLC. (APF) manufactures inspection ports that are installed on the insulation jacket of insulated pipelines, vessels, tanks, and equipment, allowing inspectors safe and easy access to perform nondestructive testing for mechanical integrity purposes and to check for CUI. APF inspection ports are designed to meet process temperatures ranging from -185 to 1200°F (-120.6 to 648.9°C). They are available in a wide variety of shapes and sizes. APF inspection ports are weather-tight, reliable, durable, safe and easy to install. Address: Houston, TX. Website: www.inspectionplug.com.

C S Accurate Corrosion Control

Booth 1219

Accurate Corrosion Control, Inc. (ACCI) is an employee owned corporation specializing in corrosion control and cathodic protection. Established in 1984 in Phoenix, Arizona, the Company maintains the same high standards it was founded on 35+ years ago, providing quality corrosion control engineering, monitoring, installation and materials, on time and within budget. Address: Glendale, AZ. Website: www.accuratecorrosion.com.

C Acuren

Booth 1233

Acuren provides state-of-the-art integrity solutions to midstream and pipeline companies. Services include cathodic protection, engineering, inspection, span remediation, nondestructive and destructive testing, material verification, and rope access enabled industrial services. We are a trusted partner to clients in over 18 industries. Acuren is ready to support our client's diverse needs with our vast network of 90+ locations, including over 100 in-house engineers, and more than 5,000+ employees throughout North America and the UK. Address: Webster, TX. Website: www.acuren.com. Address: Webster, TX. Website: www.acuren.com.

Exhibitors

Advance Products & Systems

Booth 1300

Advance Products & Systems, LLC, founded in 1978, is a leading manufacturer and distributor of water & wastewater, oil & gas, industrial & mechanical, and chemical pipeline products. APS also offers quality safety products manufactured to meet customers' needs to protect personnel, equipment, and the environment. Address: Lafayette, LA. Website: www.apsonline.com.

Aerial Production Services Inc

Booth 1553

With 7 years of experience flying over 25,000 locations across 49 states, Aerial Production Services Inc. (APS) is the leading Drone Service Provider for Oil & Gas, Telecom and Construction industries. APS provides corrosion inspection, gas leak detection, right-of-way monitoring and asset digitization services to Upstream, Midstream and Downstream companies. Address: Crofton, MD. Website: www.flyaps.io.

Aggreko

Booth 1366

Aggreko is the leader in rental power, temperature control, and 100% oil-free compressed air systems. We provide 24/7 availability and service from over 50 locations nationwide. We help customers in many industries improve and safeguard their operations by solving problems, creating opportunities, and reducing risk. For more information, please visit us.aggreko.com. Address: Houston, TX. Website: www.aggreko.com

Air Systems International

Booth 1078

Air Systems International is the industry leader in Grade-D breathing air filtration & confined space ventilation. Air Systems manufactures Grade-D breathing air filtration, high pressure breathing air units, air cylinder carts, confined space ventilation equipment, portable area lighting, and environmental control products. As a United States manufacturer, located in Chesapeake, Virginia, we can customize almost all of our products and create new products to meet the needs of our customers. Address: Chesapeake, VA. Website: www.airsystems.com.

AIT Coatings

Booth 565

Since pioneering the use of flexible epoxy technology for electronic packaging in 1985, AI Technology (AIT) has been one of the leading forces in developing advanced materials and adhesive solutions for electronic interconnection and packaging

with more than 30 patented technologies. We are now proud to introduce AIT Coatings for our new Over Coat Protection Coating Division. AIT Coatings now offers a new Over Coat protective coating that provides UV blocking, protection against moisture absorption. As well as, even greater protection against corrosive gases, salt-fog and water immersion. Stop by Booth #565 opposite the Coatings Experience to learn more about the different varieties of FLUOROSEAL® for interior and exterior applications of pipelines and tanks. Address: Princeton Jtc., NJ. Website: www.aitcoatings.com.

AkzoNobel

Booth 417

AkzoNobel's International® brand is a world leader in marine, yacht and protective coatings. A long-standing brand synonymous with innovation and collaboration, it is the preferred choice of industry leaders looking for excellence and expertise. We deliver anticorrosive and fire protection, fouling control technologies and aesthetic solutions for on and offshore. Supported by high quality customer service and in-field support around the globe, our technologically advanced International product range strives to satisfy our customers' needs now and in the future. Address: Houston, TX. Website: www.north-america.international-pc.com.

Alisto Engineering Group

Booth 1610

Alisto Engineering Group is a minority-owned business providing integrated engineering, environmental and construction services with a multi-disciplinary staff of more than 100 highly qualified and experienced engineers, scientists, technicians, and administrative personnel. Established in 1992, Alisto has since gained an impressive reputation of providing excellent and cost-effective service to a diverse clientele from investor- and public-owned utilities; oil, gas, and energy companies; major corporations; and transportation agencies, some of whom have been our loyal partners for more than 30 years. Along with our other core services, we offer turn-key corrosion and cathodic protection services such as field survey, assessment and monitoring, CP system design, AC and DC interference investigation and mitigation design, construction management, and CP system installation and repair in more than 25 states in the western, eastern and southern regions of the US. Address: Walnut Creek, CA. Website: www.alisto.com.



Scan QR Code

Access the
Official AMPP
Conference
App!



Exhibitors

C Corporate Members

S Sponsor

C S Allan Edwards

Booth 600

Since 1947, Allan Edwards has leveraged our first-hand experience and trusted expertise to steer advancements in pipeline performance. We engineer, manufacture & distribute products that optimize throughput wherever product flows. Our duty is paramount: to deliver risk mitigation you can count on while partnering with you every step of the way. Address: Tulsa, Oklahoma. Website: <https://allanedwards.com/>

C S Alleima

Booth 747

Alleima is a global manufacturer of high value-added products in advanced stainless steels and special alloys. Based on long-term customer partnerships and leading materials technology, we develop products for the most demanding applications and industries. The company has in-depth expertise in materials technology, metallurgy and industrial processes and has a fully integrated value chain, from R&D to end-product, allowing for industry-leading quality, sustainability, and circularity. Address: Houston, TX. Website: www.alleima.com/en/

Allen Blasting and Coating

Booth 928

Website: www.allenblastingandcoating.com

C Allied Corrosion Industries, Inc

Booth 1215

Allied Corrosion Industries is proud to celebrate 40+ years of helping our customers successfully navigate pipeline integrity management, AC mitigation, pipeline remediation, external corrosion direct assessment, cathodic protection system design and installation, and more. Our expert team is dedicated to delivering the best experiences and products to meet your current and future needs. Address: Marietta, GA. Website: www.alliedcorrosion.com.

Allredi

Booth 837

Manufacturer and distributor of blasting, environmental, safety, and coating equipment and supplies. Address: Pasadena, TX. Website: www.allredi-us.com.

Altamira-US

Booth 627

Altamira is dedicated to providing the highest-quality consulting, engineering and field services support to our valued clients. We are committed to using our expertise

in regulatory compliance, including PHMSA, DOT, process safety management and environmental affairs. We evolve with our customers, staying agile and adaptable in a dynamic operating environment, as a value-added, long-term partner. While Altamira's company size allows us to be responsive to clients and flexible in the solutions we provide, our strong working relationships with the regulatory community and vast experience developing successful outcomes enables us to complete projects that exceed our clients' expectations.

Our staffs' experience as operators, regulators and consultants provides them with a unique perspective to create innovative solutions that are rightsized for each client's unique needs. We maintain professional engineering licenses in more than 20 states. Address: Houston, TX. Website: <https://altamira-us.com/>

Altor Solution

Booth 239

Altor developed a disruptive technology, AltorLines™, that provides unparalleled corrosion protection for new and used OCTG in CO₂, Cl⁻, O₂, and H₂S corrosive environments. AltorLines provides anti-corrosive stainless steel protection while improving hydraulic efficiency, deposit mitigation, and increasing abrasive wear resistance for all temperature and pressure environments typically encountered in oil and gas, geothermal, and mining environments. In addition to protecting the inner tubing surface, Altor also offers J-Area solutions for entire tubing string protection. With a solid research and development approach, Altor continues to create innovative technologies that significantly extend the life of the pipe and reduces the total cost of well ownership. Address: Houston, TX. Website: www.althor-solution.com

S American Carbon Company

Booth 1255

The Cathodic Protection Division provides a turnkey solution for bare anodes including BADGERCAST high silicon cast iron anodes, BADGERCORD zinc ribbon anodes, BADGERCOMP graphite anodes, BADGERCORD zinc specialty anodes, BADGERCONNECT cast & extruded magnesium anodes, BADGERCOAT mixed metal oxide (MMO) anodes and related accessories. Address: Waukesha, WI. Website: www.amcarbon.com.

**VISIT ABRIOX AT
BOOTH #1324!**

Abriox
Remote monitoring & control for pipelines

NEW ABRIOX SUNBIRD RANGE

- ▶ SUNBIRD SP TEST POST MONITOR
- ▶ SUNBIRD TR EXCEL TRANSFORMER RECTIFIER MONITOR
- ▶ SUNBIRD CUBE BOND INTERRUPTER

THE INDUSTRY "GAME-CHANGER!"

- ▶ THE SUNBIRD SP - AMPP MP INNOVATION AWARDS 2023 FINALIST
- ▶ THE SUNBIRD SP & SUNBIRD CUBE - SOLAR-POWERED
- ▶ 5G IoT FOR DATA DELIVERY TO 2030 AND BEYOND
- ▶ USync!™ UNIVERSAL SYNCHRONIZATION BUILT-IN TO EVERY DEVICE
- ▶ FAR GREATER GEOGRAPHICAL COVERAGE
- ▶ AUTOMATIC INSTALLATION - NO LAPTOPS OR CELL PHONES REQUIRED
- ▶ ON-DEMAND DATA
- ▶ ALL MEASUREMENTS TAKEN AND SENT AUTOMATICALLY
- ▶ BUILT-IN GPS FOR UNIT LOCATION USING GOOGLE MAPS
- ▶ WEATHERPROOF WITH ROBUST LIGHTNING PROTECTION



SCAN TO ACCESS
THE ABRIOX DATA SHEETS



www.abriox.com

Exhibitors

C Corporate Members

S Sponsor

C S American Innovations

Booth 1207

American Innovations is the leading provider of enterprise compliance solutions including field data collection, remote monitoring, and pipeline compliance, for the oil and gas industry. We're known as the gold standard with our brands Bullhorn Monitoring, PCS Compliance, PCS Field Integration, and CartoPac Enterprise. We deliver a complete suite of hardware and software that allow corrosion and compliance professionals to collect the right data, at the right time, in the right location for their compliance needs. From the field to the office through a secure cloud, American Innovations is there. Proven compliance solutions. Relentless service. Address: Austin, TX. Website: www.aiworldwide.com

Ampjack Industries Ltd.

Booth 437

AMPP Media

Booth 1265

Anotec Industries

Booth 647

Anotec Industries is recognized internationally as the leading manufacturer of high silicon cast iron anodes for impressed current systems. Anotec manufactures tubular, solid stick, and small (specialty) anode products using our perfected chill cast technology. All Anotec anodes are NSF-61 certified (safe for use in contact with potable water). Address: Langley, BC, Canada. Website: www.anotec.com

Apache Industrial Services

Booth 625

Website: www.apacheip.com

ARK Engineering & Technical Services, Inc.

Booth 1064

In business for over 32 years, ARK Engineering and ARK Field Services are acknowledged leaders in providing the following services to our worldwide clients:

Turnkey Provider of Electrical and Corrosion Engineering Services for the Energy and Infrastructure Industries
AC & DC Interference Analysis, Mitigation System Design, Installation, and Maintenance
Cathodic Protection System Design, Installation, and Maintenance

Cathodic Protection and AC & DC Mitigation Materials Procurement and Delivery
Grounding and Lightning Protection Design and Installation
Construction Support and Inspection Services for AC/DC Mitigation and Cathodic Protection Systems
MEGA Rule Part 2 Interpretation and Compliance Programs
We guarantee all our design and installation work.
Website: www.arkengineering.com. Tel: 781-849-3800.

Arkema, Inc.

Booth 707

At Arkema, we make innovative materials for a more sustainable world. For fighting corrosion, our solutions include Kynar® PVDF resins and Rilsan® Polyamide 11 and Kepstan® PEKK powder coatings. Kynar® PVDF has high-temperature and chemical resistance, low permeability, and high strength. Kynar Aquatec® PVDF waterborne resins enhance anti-corrosion coating performance by improving moisture and salts barrier properties, chemical resistance and UV resistance in extreme climates. Bio-based Rilsan® PA11 powder coatings have great corrosion protection, impact and abrasion resistance, flexibility, and food & water approvals. Kepstan® PEKK offers ultra-high performance for the most demanding applications. Address: King of Prussia, PA. Website: <https://hpp.arkema.com>

Armacell

Booth 725

Website: www.armacell.com/oilandgas

ArmorLok Incorporated

Booth 557

Embedded PVC liner for Precast and Pour In Place concrete sewer pipes and structures along with Epoxy Mastic PVC Lining rehabilitation systems. Address: San Bernardino, CA. Website: www.armorlok.net

C S Asbury Carbons

Booth 806

Asbury Carbons is the world's largest independent processor of synthetic and natural graphite, coke, anthracite coal, carbon black, activated carbon, and a variety of other raw materials. We have plants in USA, Canada, Mexico, and Europe. Our backfill products are designed for conventional beds, top loading, deep wells and pumping slurry. Introducing our GARMOR EDGE-FUNCTIONALIZED GRAPHENE – an advanced material designed to fight corrosion in a wide range of applications. Visit us online at www.asbury.com.

Exhibitors

ASNT

Booth 559

Serving more than 22 000 members and certificate holders worldwide, ASNT, based in Columbus, Ohio, is the largest technical society for NDT professionals. ASNT certification and standards programs, publications, conferences, education, membership, and professional development programs are the foundation for expanding awareness of advancements in NDT. Governed by a volunteer group of officers and directors, ASNT is organized by councils representing interests relating to certification, engineering, research, education, and section operations. Address: Columbus, OH. Website: www.asnt.org

CS Aspen Aerogels

Booth 1559

Keep it Dry – Protect against CUI!

Pyrogel® has transformed how facilities protect assets against corrosion. Proven to maintain performance in the harshest environments, patented aerogel technology keeps assets drier for longer, helps maintain consistent process conditions, and saves energy. The versatile blanket design of Pyrogel enables fast, consistent installation to help hit demanding schedules and with less potential rework. When it comes to maintenance events, Pyrogel® can be removed and reinstalled, reducing time, scrap, and overall expenses during the insulation phase. The world's leading refining, petrochemical, and industrial facilities turn to Pyrogel® for better project design, API 521 upgrades, shorter turnarounds, and PMI programs. Address: Northborough, MA. Website: www.aerogel.com

C Atlantic Design, Inc.

Booth 556

Atlantic Design, Inc. is a family owned and operated engineering and manufacturing company in Baltimore, Maryland. We offer a wide variety of custom-designed Grit Recycling Systems, Dust Collectors, Vacuums, Classifiers, Blast Pots, Air Dryers, Negative Air Machines, and any new or replacement parts you need. Our rental fleet is comprehensive, and we can assist in the process of buying or selling used equipment. We have over 30 years of experience in the Blasting and Coating Industry, and we pride ourselves in providing innovative and efficient solutions for our customer's needs. Address: Abingdon, MD. Website: www.calladi.com

C Atmospheric Corrosion Specialists

Booth 1555

ACS has been servicing the natural gas industry for over 15 years. With experience in all aspects of the gas industry from meter sets, M&R stations, cathodic protection, bridge pipeline inspections and remediation, leak detection and removal of abandoned gas piping from bridges, etc. ACS offers the latest in drone technology including leak detection, LIDAR, pipeline

inspections and mapping capabilities. Our technicians are NACE CIP certified and Operator Qualified as required by our clients. Address: The Villages, FL. Website: www.acspecialists.us

S Atmospheric Plasma Solutions Inc.

Booth 503

Atmospheric Plasma Solutions Inc. (APS) provides innovative technology for coating removal, surface cleaning and adhesion promotion. APS has developed and commercialized systems, using only compressed air and electricity, that use atmospheric plasma for a broad range of emerging applications. Customers using our flagship PlasmaBlast® precision surface preparation system experience lower job costs and greater worker and environmental safety. This method uses no media, requires no containment, and does no damage to the substrate. The company's systems are used by the US Navy, US Army, pharmaceutical manufacturers, Fortune 100 firms, and more. Additionally, APS conducts advanced atmospheric plasma research in partnership with private companies, federal agencies, and leading research universities. Learn more at www.apsplasma.com and at APS's LinkedIn.

AtmosphericIQ LLC

Booth 523

AtmosphericIQ LLC provides data files and feeds of real-time and historical information specific to any environment. This includes the atmosphere, land, water and space. Available data is supported by an analytical platform and related services for commercial and industrial use. Address: Evanston, IL. Website: <https://atmosphericiq.com>

Atotech

Booth 1660

Website: www.atotech.com



Scan QR Code

Access the
Official AMPP
Conference
App!



Exhibitors

C Corporate Members

S Sponsor

AUDUBON

Booth 517

Audubon Engineering Company (Audubon) is a group of affiliate companies providing engineering, consulting, construction, fabrication, and technical field services to the energy, power, infrastructure, and industrial markets. With proven industry experience, innovative technologies, and data-driven insight, the Audubon group of companies delivers sustainable solutions to build a better tomorrow. Fueled by the latest technologies and digital capabilities, our innovative solutions improve project outcomes while ensuring safety and sustainability at every stage. As a result, our professionals deliver the technical excellence to meet our clients' evolving needs while creating long-lasting value in a changing world. Address: Houston, TX. Website: <https://auduboncompanies.com/>

Avante International

Booth 563

AVANTE International Technology, Inc. co-exhibit with its sister company AIT its sensors-based oil and gas transmission pipeline safety and security monitoring systems. This patent-pending cost-effective technology provides real-time and 24/7/365 monitoring of pipeline corrosion rate and leakage, excavation and digging detection, operational errors and equipment failures detection, and real-time exceptions reporting

AVANTE had pioneered applications and developed technologies related to Radio Frequency Identification (RFID) technologies, and sensors based IoT systems and solutions. AVANTE has more than 30 years of experience in providing quality implementation and service of all of our solutions.

AVANTE International Technology, Inc. shares headquarters with our sister company, AI Technology, Inc. (AIT) located in a 45,000 square foot complex located on an 18-acre campus in Princeton, NJ and another 55,000 square foot facilities in Princeton Junction, NJ. We manufacture products and provide services based on ISO 9001:2015 since 1999. Address: Princeton Jtc., NJ. Website: www.avantetech.com

Axalta Coating Systems

Booth 259

C S Axess-Corrosion

Booth 1571

Axess design, manufacture and deliver internal monitoring solutions. Through our patented Janus™ range we innovate safety and build client confidence in intrusive monitoring techniques by reducing risk. We integrate process measurements and our customizable alarm systems deliver data and enable clients to monitor by exception. Integrated systems measure process corrosion, erosion, wall thickness, and more.

We are a team of experts redefining industry standards through innovation. Address: The Woodlands, TX. Website: www.axess-corrosion.com

Axios Industrial Maintenance Contractors

Booth 1679

AXIOS Industrial is a technology forward company in the areas of scaffold, insulation, paint, fireproofing and tank coating rehabilitation for maintenance, turnarounds, and capital projects. Our mechanical and digital technologies lower craft-hours, safety exposure and generate lowest total installed cost. AXIOS utilizes PERI scaffolding and PERI software tools to minimize craft-count and increase tool-time. AXIOS Industrial employs multiple robotic surface prep tools for more productive resurfacing of tank surfaces. Digital tools include our AIM-SAFE digital JSA application, AIM-TAP our proven process for turnaround planning and execution, AIM-AWP our 3D model scaffold integration tool for turnarounds and capital projects. Address: The Woodlands, TX. Website: www.axiosindustrial.com

Axxiom Manufacturing

Booth 1239

When Schmidt® Manufacturing began operations over 50 years ago; the founders shared a vision to introduce more productive equipment to the abrasive blasting industry that would also contribute to a smarter, safer workplace environment. With a team of dedicated, knowledgeable welders, engineers, and staff, they produced a quality abrasive blasting product that has come to be trusted worldwide. With hundreds of years of combined experience and resources, the people of Axxiom are able to design and manufacture vessels that continue to be unsurpassed in our industry. Address: Fresno, TX. Website: www.AxxiomMfg.com

AZMET Corp

Booth 1459

sell and stock high quality magnesium anode and related products. We guarantee our anode quality and and responsible for any questions and problems. Address: Scottsdale, AZ. Website: www.ametalscorp.com

B&N Inspection

Booth 1857

Website: <https://bninspects.com/>

Exhibitors

BAC Corrosion A/S

Booth 717

BAC Corrosion Control A/S is a global supplier and manufacturer of Galvanic Anodes for Cathodic Protection. With over 60 years of experience our professional team of experts can protect your investment like no other on the market. We offer a unique expertise in Cathodic Protection, state-of-the-art production facilities and machinery, vigorous quality control and documentation, industry standard ISO and DNV certificates, and remarkably effective delivery times. Address: HERFOELGE DENMARK. Website: WWW.BACBERA.DK

BAC Corrosion Control Ltd.

Booth 1565

BAC Corrosion Control Ltd will be exhibiting their Easybond Pin Brazing system, be sure to call by and ask for a demonstration or advice, training and tips you may need to operate and maintain your equipment. BAC also offer clients a comprehensive and bespoke corrosion control service including corrosion monitoring, CP system design, product supply, site services and training. Address: Telford, Shropshire, UK. Website: www.bacgroup.com

BactiQuant

Booth 1552

BactiQuant approach is built on groundbreaking science that allows us to monitor bacteria levels in near real-time. Doing so allows our clients to set up in-line process control, increasing their internal water quality control and providing quicker feedback loops in their production. Ultimately, this results in a more proactive and efficient supply chain, producing less waste of a critical resource – water. At BactiQuant, we understand the dynamics of total bacterial mass present in the water. Setting a robust baseline for the total bacterial mass can quickly identify any water quality deviations, enabling us to consistently provide high-precision readings and alerts that provide rapid, reliable data. Ultimately, our secret lies in quantifying the total number of bacteria in the water. Hence the name, BactiQuant. Address: Birkerød Denmark. Website: <https://bactiquant.com/>

Baker Hughes

Booth 1147

Baker Hughes (NYSE: BKR) is an energy technology company that provides solutions for energy and industrial customers worldwide. Built on a century of experience and with operations in over 120 countries, our innovative technologies and services are taking energy forward - making it safer, cleaner and more efficient for people and the planet. Address: Houston, TX, United States. Website: www.bhge.com. Address: Houston, TX. Website: www.bakerhughes.com

Barton International

Booth 814

BARTON garnet is harder, heavier & more durable than other blast media; it cuts faster to deliver rapid job completion; super clean surface finish & uniform profile virtually free of particle embedment. Clean surface finish & uniform profile mean better coating adhesion & longer life. BARTON garnet is a 100% natural non-ferrous inert mineral with < 0.1% respirable crystalline silica & no heavy metals. It produces less dust resulting in improved visibility, less disruption to adjoining work areas & safer working conditions. US Navy MIL-A-22262B(SH); SSPC-AB 1; QPL; CARB certified. Address: Glens Falls, NY. Website: www.barton.com

Bayou Companies/The

Booth 1231

The Bayou Companies has been providing leading pipe coating products and services to the Oil & Gas industry for 80 years. Bayou offers a complete line of coating and insulation products, including anti-corrosion, negative buoyancy, and deepwater flow assurance coating. Address: New Iberia, LA. Website: www.bayoucompanies.com

Becht

Booth 1557

Becht is a service-oriented engineering consulting firm that is focused on providing technically excellent engineering services and innovative, sustainable solutions for clients world-wide. We are the “go-to” firm that clients approach when the job needs to be done right – the first time. The Becht Team comprises world-class resources that provide unparalleled engineering solutions, project management support, and technically excellent engineered products.

Becht is global, with local offices throughout the world. Becht’s experienced and knowledgeable resources can partner and support clients anywhere, throughout all phases of a project. Address: Liberty Corner, NJ. Website: www.Becht.com

Belink Tech

Booth 629

Exhibitors

C Corporate Members

S Sponsor

Bellemare Abrasives & Minerals

Booth 1382

Bellemare Abrasives & Minerals specializes in the transformation, distribution and sale of a wide variety of mineral products for industrial, commercial and residential use. Sandblasting, waterjet cutting, filtration, grouting and foundry are the main uses for our products. Several specialized, high-performance products are also offered to meet all customer needs. Company versatility allows us to meet a wide range of requests from the abrasives sector. Our technology allows us to develop highly-specialized products to answer the growing needs of a dynamic industry. The products that are processed and sold by Bellemare Abrasives & Minerals include PRO-Grit (iron silicate), natural sand, ECO-Grit (recycled glass), Primeblast (specular hematite), sand-cement products, pre-mixed concrete as well as Nordic slip-resistance and de-icing products. Bellemare now occupies a choice position in the North American abrasives and minerals market. The entire product line is available in the North Eastern United-States, South America and Europe as well as Quebec, the Maritime provinces and Ontario. Address: Trois-Rivières, Québec, Canada. Website: www.groupebellemare.com

Berkeley Springs Instruments LLC

Booth 973

Website: <http://www.bsisentry.com>

C S BGH Edelstahlwerke GmbH

Booth 338

BGH Edelstahl is a family owned, specialty steel mill with a strong focus on corrosion resistant alloys. We supply the oil and gas industry with bars and open die forgings in stainless steels and nickel-base alloys worldwide. To guarantee highest quality the entire steel production process, from melting/remelting to testing and finishing, is in house. Address: Freital, Germany. Website: www.bgh.de

Bio-Logic USA

Booth 1830

Bio-Logic is a global supplier of high-performance electrochemical measurement instruments for use in corrosion testing and impedance/ coatings applications. For corrosion measurement/testing we feature our: SP-200/300 system, reference grade and high-performance modular potentiostats with true floating capability, and the multi- channel VSP 300. Address: Knoxville, TN. Website: www.bio-logic.net

C S BK Corrosion LLC

Booth 1046

BK Corrosion is your trusted industry leader of cathodic protection material supplies and manufacturing. We are a minority owned and certified under the National Minority Supplier Development Council. We strive to be the #1 material's supplier in the U.S. with our current branches in Corpus Christi, TX; Fairmont, WV; and Midland, TX. New branch to come 1st quarter 2023 in the Marietta, GA area and stocking warehouse in Humboldt, TN. We also have sales staff in Denver, CO and Tulsa, OK. Please visit our booth and say hello to our friendly staff that will be happy to help you with any questions you may have. BK Corrosion - "Doing What's Right" Corporate Address: 4411 Navigation Blvd. Houston, TX 77011. Website: www.bkcorrosion.com

Black Lab/Covia

Booth 624

When you collaborate with Black Lab, you can count on cost and time efficient toll blending of dry products. We produce your proprietary formula— accurately, confidentially, quickly— with blending consistency from the first bag to the last bag. We know that because we bag from the mixer not from the hopper. We're turning toll blending into a science. Whether enhancing your private label products or collaborating with you on a customized formula, we're the trusted resource for the most basic to the most highly complex job. Each of our locations near Chicago, Cleveland, and Houston is serviced by transportation lines that efficiently move raw materials and components into our facilities. Our customized packaging solutions—filled with your proprietary blends—maximize shipping with the right amount of material at the right time. You can rely on Black Lab for packaging solutions, from large volume units to small custom packages. Address: Huntersville, NC. Website: <https://www.coviacorp.com/markets/custom-toll-blending/>

Blair

Booth 314

www.blairrubber.com

C BlastOne International

Booth 1331

BlastOne improves the lives of Industrial Painting Contractors by helping them to make their blasting practices faster, safer and cleaner. Address: Columbus, OH. Website: www.blastone.com

MegaDART®

The Mega Rule Solution*

- DC Potential
- AC Potential
- Off the shelf Battery
- Low Cost
- GSM/SAT



*Complies with
PHMSA, 49 CFR Parts
191 and 192
a.k.a. The "Mega Rule"

**BORIN
BORIN**

Visit us at AMPP Expo 2023
in Denver, CO. - Booth 1355
www.borin.com
Phone: +1 310-822-1000

Exhibitors

C Corporate Members

S Sponsor

Borin Manufacturing, Inc.

Booth 1355

BORIN Manufacturing: Leading innovation in the CP industry for over 40 years, with complete CP test station solutions. The New Mega DART test station monitor is all you need to be MEGA compliant. The STREET DART Test Station Monitor is a robust street-level flush mount unit. The DART and COMANCHE units remotely monitor and control your CP systems and rectifiers. The innovative STEALTH reference electrodes include portable, stationary, IR-Free & AC-mitigation coupon probes and the STEALTH HCP® - Hydrocarbon Proof Technology. BORIN's core values of excellence in quality and service are evidenced by its personable customer service, unrivaled warranty policy, and expedited order turnaround. Contact: +1 310-822-1000 | borin@borin.com. Address: Culver City, CA. Website: www.borin.com

BOSS Industries

Booth 534

Website: <https://bossair.com/>

BrandSafway

Booth 1085

Website: <https://brandsafway.com/>

Brown Corrosion Services, Inc.

Booth 1235

Brown Corrosion Services, Inc., is concerned with metal loss – corrosion and erosion. Our company was founded in 1995, to specialize in material degradation and corrosion/erosion control. We offer complete consulting, QA/QC, inspection, testing, expert witness, feasibility and design engineering, procurement, sales, installation, startup, testing, training and operation services for corrosion/erosion studies, corrosion/erosion control, monitoring systems, failures, cathodic protection, coatings, inhibition, material selection and all other methods of corrosion/erosion control. With all of our services and equipment, our main focus is total client satisfaction. Address: Houston, TX. Website: www.browncorrosion.com



Access the
Official AMPP
Conference
App!



Scan QR Code

C BSS Technologies - Bin Sari Specialized Technologies

Booth 1632

BSS Technologies is a global company specialized in Electrochemistry solutions. The company cherished its 25 years of vast experience, its brand, its trustworthiness and its spirit to expand and evolve the business with an objective of a globally integrated and diversified organization providing solutions in the field of Corrosion Control, Antifouling, Electro chlorination and other allied fields. We manufacture most CP materials including Transformer Rectifiers & RMCS, Anodes, Hypochlorite Rectifiers and Electrolyser cells. We are also one of the largest stockist of CP materials including cables and anodes. Tel: +971 2 4460700 | email: bsstech@bsstechnologies.com | Website: www.bsstechnologies.com | Abu Dhabi, United Arab Emirates

Bullard

Booth 511

Founded in 1898, Bullard is a leading manufacturer of high-quality personal protective equipment and systems that are marketed worldwide. The U.S.-based company is a fifth-generation family-owned enterprise, highly respected for its invention of the hard hat in 1919. Today, Bullard's product lines include hard hats, thermal imagers, firefighter, and rescue helmets, supplied air respirators, powered air-purifying respirators, and air quality equipment. Bullard products are available around the globe, with subsidiaries based out of Germany and Singapore. Address: Cynthiana, KY. Website: www.bullard.com

Canfield & Joseph

Booth 439

Our goal is to be more than just a supplier to our customers. We consider ourselves a resource and are committed to providing our customers with the necessary tools and expertise needed to compete effectively in today's challenging market. We offer:

- 7 Stocking Locations
- Conveniently located to provide a constant supply of available materials and equipment.
- Commitment to Inventory Large inventory of products, replacement parts and equipment from all major manufacturers stocked and ready to ship.
- Freight Services Hassle-free custom shipping solutions for your specific logistic requirements.
- Experienced Sales Force
- Inside and outside sales staff that deliver the solutions, resources, and tools to help you compete effectively.
- Single Source Supplier
- Our extensive line-up streamlines your purchasing while increasing your profits.

Website: www.canfieldjoseph.com

Exhibitors

CAPROCO

Booth 813

Caproco is an OEM of a complete range of Corrosion Monitoring Equipment which includes Access Fittings, Coupon Holders, Corrosion Probes, and Instrumentation. Caproco specializes in the custom design, fabrication and servicing of Internal Corrosion Monitoring and Control Systems. Caproco has been a world leader in Internal Corrosion Monitoring and Prevention for over 60 years. Address: Edmonton, Alberta, Canada. Website: www.caproco.com

C S Carboline Co.

Booth 905

Carboline Global, Inc., founded in 1947, produces high-quality performance coatings, linings, and fireproofing products in more than 20 manufacturing facilities around the world. With strategic acquisitions including Specialty Polymer Coatings and most recently, Dudick, Inc., Carboline now offers an even wider range of comprehensive products for asset protection. Whether it's new assets or maintenance projects, our products add value and longevity while meeting strict design standards and providing outstanding protection. Carboline's global reach allows for the highest quality products and services to our customers anywhere in the world. Speak to one of our experts and let us customize a solution that's best for your specific project. Address: St. Louis, MO. Website: www.carboline.com

Cathodic Pro Tech LLC

Booth 1556

Cathodic Pro Tech (CPT) is a Maryland-based cathodic protection service and equipment manufacturing company. Our NACE/AMPP certified professionals are seasoned internationally, having worked in more than 7 countries over the last 30 years, and we specialize in developing customizable, reliable equipment that is easy for anyone to use without error. Popular products include GPS current interrupters, pocket-sized galvanic anode interrupters, data loggers, portable current supply devices, and DCVG meters. Services provided include: AC modeling and mitigation, CP design, installation, troubleshooting, and in-house training. We help you put the "Pro" in Cathodic Protection. Address: Frederick, Maryland. Website: www.cathodicprotech.com

C Cathodic Protection Co. LTD

Booth 968

Cathodic Protection Co. Ltd (CPCL), has been in operation since 1950 and serves clients in six continents. We are recognised as a pioneer in cathodic protection and anti-fouling solutions. The company offers a range of services including consultancy, design, manufacture of bespoke materials and systems. Our range of Transformer Rectifiers deliver clear options for control, monitoring and operation that will ensure any cathodic protection system is functioning to our clients' requirements. No matter the query that comes through our door, we are forward thinking and progressive with the solution we provide. Address: Grantham, Lincolnshire, UK. Website: www.cathodic.co.uk

Cathodic Technolog

Booth 834

With 40+ years' experience manufacturing state-of-the-art instrumentation for corrosion professionals worldwide, Cath-Tech will feature our newest touch screen current interrupters that are non-orientation/polarity sensitive! The Hexcorder Pro ECDA pipeline integrity survey system documents critical CIPS/DCVG/GPS data seamlessly without the need for specialized software. Address: Bolton, ON, Canada. Website: www.cath-tech.com

Cathtect USA Inc.

Booth 754

Cathtect USA is a solution driven company, offering a one stop cathodic protection solution to USA and international corrosion needs. We provide a Comprehensive & innovative product range, and personalized service with over 30 years' operational experience in the Corrosion Industry. Address: Sebastian, Florida. Website: www.cathtectusa.com

Cenozon

Booth 411

Website: www.cenozon.com

Exhibitors

C Corporate Members

S Sponsor

CerAnode Technologies-Div of APS Materials Inc.

Booth 639

CerAnode Technologies is a division of APS Materials, Inc., a high-tech arc plasma spray coatings company, located in Dayton, Ohio, is a trusted provider of thermal spray solutions for the Biomedical, Aerospace, Semiconductor and Cathodic Protection industries. CerAnode Technologies manufactures a full line of MMO & EMMO impressed current anodes for most every application within the cathodic protection industry, offering their unique EMMO arc-plasma sprayed surface architecture enhancement, making them the most abrasion-resistant MMO anode available.

CerAnode is recognized worldwide as a manufacturer of a complete line of state-of-the-art, high quality, MMO anodes and related products. CerAnode electrodes are used for cathodic protection, fossil fuel combustion optimization, chlorate and chlorine production, chemical conversion, plating, electrochemical remediation, sanitation, electro osmosis and electro-osmotic-pulse technology. APS Materials, Inc. and its CerAnode division is ISO 9001:2015 Registered. Address: Dayton, OH. Website: www.ceranode.com

C-FER Technologies (1999) Inc.

Booth 1513

C-FER works with operating companies to push the limits of engineering constraints to improve performance in existing assets, and to develop new resources. We provide full-scale equipment testing and qualification, risk management and engineering consulting services. Our facilities can accommodate a wide range of specimen sizes and testing scenarios, including testing at high pressure and high temperature, and in explosive and toxic environments. Our capabilities include sour burst testing of pressure vessels, full size tubular evaluations in critical environments, sour service OCTG connection qualifications, and fatigue assessments of tubulars in sour environments. Address: Edmonton, Alberta, Canada. Website: www.cfertech.com

Champion Corrosion Products, Inc.

Booth 1328

Champion Corrosion Products, Inc. - Provider of cathodic protection materials and supplies for over 20 years! Known for our industry knowledge and superb customer service with 2 locations to better serve your C.P. needs. Address: Seguin, TX. Website: www.championcorrosion.com

C Chapman Engineering

Booth 1358

Chapman Engineering is a Full-Service Engineering and Contracting Firm offering Corrosion Control Services. Included are Consulting, Design, Procurement, CP & AC Mitigation

Installation / Field Services, and Corrosion Surveys. Address: Boerne, TX. Website: www.chapman.engineering.com

C Chase Corp

Booth 800

Since 1941, Tapecoat/Royston has offered a complete line of coating solutions for oil and gas pipelines, compressor and pumping stations, industrial needs, and the marine industry, including offshore. ISO 9001:2000-approved Address: Westwood, MA. Website: www.chasecorp.com

C Chemical Newtech SpA

Booth 1619

With over 15 years of experience, we manufacture insoluble MMO coated titanium anodes in all standard industry sizes. Our customers use them to successfully protect their projects around the world, from Oil&Gas, offshore and onshore, to steel reinforced concrete structures, to tanks and more. Along with the ICCP anodes, our electrodes are widely used in basic inorganic chemistry processes such as chlorine and caustic production, hypochlorite generation, water disinfection, antifouling treatments and electrometallurgical processes. We are proud to highlight our new catalytic coatings for Green Hydrogen production and humbly look forward to helping the global energy transition. Address: Capriolo, BS, Italy. Website: www.chemicalnewtech.com

C CHLOR*RID, A Milliken Brand

Booth 810

For over 25 years, CHLOR*RID™ has been a highly sought-after brand of quality surface decontamination and passivation products, as well as soluble salt testing kits. These technologies ensure proper surface preparation for high-performance coatings applications where consistent performance is critical. In 2020, CHLOR*RID became a part of Milliken & Company, a global manufacturing leader with a portfolio featuring applications across the textile, flooring, specialty chemical, and healthcare businesses. Milliken harnesses a shared sense of integrity and excellence to positively impact the world for generations. Address: Westlake, OH. Website: www.chlor-rid.com

ClampOn, Inc.

Booth 1533

ClampOn offers topside and subsea nonintrusive corrosion-erosion monitoring systems that monitor and quantify changes in wall thickness over a large area of a pipeline. ClampOn is also the leading worldwide supplier of topside and subsea noninvasive ultrasonic intelligent sensors for particle/sand, pig, leak, vibration, flow temperature and corrosion-erosion monitoring. Address: Houston, TX. Website: www.clampon.com

Exhibitors

Clariant Oil Services

Booth 539

Clariant is a leading provider of production chemical technologies and services to the global O&G industry. Our corrosion management services and experts provide the support and innovative solutions you need to protect the integrity and extend the life of your process systems. Our customized service includes the support to implement and manage the corrosion control activities, extensive in-house test capability, high-performance chemical solutions, and routine monitoring. Address: The Woodlands, TX. Website: www.clariant.com/oil

Clemco Industries Corp.

Booth 1283

Clemco is the global leader in developing and delivering advanced surface preparation blasting solutions tailored to meet each customer's needs. Our unmatched understanding of abrasive blasting applications, coupled with our end-to-end approach of discovery, collaboration, development, and implementation, results in comprehensive solutions delivered on time and fully supported. Together with our customers, we help ensure a safer, more productive world. From our corporate headquarters in Washington, Missouri, our international headquarters in Munich, and our distribution center in Singapore, we engineer, design, manufacture, assemble, integrate, and deliver a full range of blast machines, blast cabinets, fully engineered blast rooms and accessories that incorporate automation, controls, and robotics tailored to safely prepare a wide variety of surfaces. We serve industries and contractors involved in aerospace, firearms, medical devices, bridges, pipelines, shipyards, water towers and many others. And we do it with our proven reputation for superior customer service. Address: Washington, MO. Website: www.clemcoindustries.com

CM BEASY Ltd.

Booth 622

BEASY provides galvanic corrosion and CP consultancy modelling services and software, assisting engineers to predict and interpret behavior by providing protection potentials and current densities, plus identification of interference/shadowing/attenuation/stray current effects design optimization and integration with survey & monitoring data are supported. Applications include all types of offshore, subsea & onshore environment, and as part of the design process for fixings, components, assemblies & structures in the marine, aerospace, & automotive industries. Southampton, Hants, UK. Website: www.beasy.com

Coating Society of the Houston Area

Booth 767

Website: www.coatingsocietyofhouston.org

COBLACO

Booth 1284

Website: www.coblaco.com

COMSOL

Booth 1554

COMSOL is a global provider of simulation software for product design, engineering, and research in technical enterprises, labs, and universities. COMSOL Multiphysics® is an integrated environment for creating physics-based models and simulation applications. Simulation experts use COMSOL Server™ and COMSOL Compiler™ to deploy applications to design teams and customers worldwide. Address: Burlington, MA. Website: www.comsol.com

Concrete Sealants, Inc

Booth 713

Concrete Sealants, Inc is an industry leading manufacturer with over 50 years experience in the waterproofing and corrosion protection industries. ConSeal's innovating products include chemical admixtures, protective coatings, pipe wraps, and hybrid silicone products. Address: Tipp City, OH. Website: www.conseal.com

Confined Space Robotics

Booth 1625

Confined Space Robotics offers a technology that changes the industries approach to abrasive blasting and coating.

Dedicated to eliminating the need for humans to enter a dangerous spaces, such as tanks and vessels required in the production of petrochemicals and fertilizers. CSR's technology offers robots for inspection, abrasive blasting, vacuuming, coating applications and exterior painting of storage vessels. We lease and train robotic solutions all with the intent to perform project work with zero injuries. Address: Nisku, Alberta, Canada. Website: <https://csrrobotics.com/services/>

Exhibitors

C Corporate Members

S Sponsor

C Corrocoat USA

Booth 431

Corrocoat specializes in the supply of coating and linings solutions for aggressive corrosion service environments. We have solutions for tanks, pipes, pumps, valves, structural steel and concrete. We manufacture over 80 linings, coatings, paints and polymer concretes in our US plant in Jacksonville, Florida. Our glassflake reinforced barrier coating systems have been proven to provide long term protection and refurbishment of valuable plant assets that are otherwise subjected to over 1,200 chemicals, pH 0-14, at temperatures up to 300°F, immersed, and 1,000°F, non-immersed. Address: Jacksonville, Florida. Website: www.corrocoatusa.com

CORROLYTICS

Booth 1834

Corrolytics (Founded 2020) is a technology startup company developing innovative solutions to detect, monitor, and mitigate microbial corrosion for oil and gas assets. The team is developing a smart electrochemical test kit that can be used on-site to detect and monitor microbial corrosion rate in real-time. This disruptive technology can differentiate microbial corrosion from other types of corrosion thus allowing the user to plan accurate mitigation strategy. Above all, this technology lets the user know if the mitigation strategy is working or not by determining biocide efficacy. In addition, Corrolytics provides a full suite of lab services to help diagnose and mitigate MIC. Address: Cleveland, Ohio. Website: <http://corrolytics.com>

Corrosion Exchange, LLC

Booth 1834

At Corrosion Exchange, Inc, our technological solutions help industry leading companies achieve greater success with corrosion control. CleanWirx 207 provides the only health, safety, and environmentally conscious metal surface preparation solution to exceed the highest standards for corrosion elimination, even in the most challenging heavy-industrial environments. The CleanWirx 207 one step application process decontaminates surfaces at the molecular level, eliminating undetectable levels of highly corrosive substances, providing a uniform receptive surface prior to coatings application, greatly increasing coating adhesion without film formers. CleanWirx 207 addresses this phenomenon on contact and as a result will form an amorphous oxide layer creating a uniform receptive to the entire surface, this would be the passivation state or layer which would be measured in nanometers. This amorphous oxidation phase would be considered an adduct/ electron receptive; this explains the extraordinary adhesion values that are achieved with this technology. For more info, contact us today. Address: Houston, TX. Website: www.cx207.com

C Corrosion Service

Booth 1417

Corrosion Service was founded in 1950 by Thomas R.B. Watson as one of the first North American firms to specialize in cathodic protection. An owner-operated, privately held Company, we have been at the forefront of the science of corrosion prevention since day one. Our founding philosophy was based on the principles of providing great customer service and developing a deep understanding of customer needs, and these remain the core principles behind our company today. Corrosion Service is recognized as the first and best choice for corrosion engineering systems, products and services in North America. Our diverse and talented group of industry experts offer an extensive portfolio of best-in-class corrosion prevention products, installations and services. Address: Toronto, Ontario. Website: <https://corrosionservice.com/>.

CorrosionRADAR

Booth 659

CorrosionRADAR is a leading provider of Corrosion Under Insulation (CUI) monitoring technology. Our innovative sensors allow companies to accurately predict and prevent CUI in their industrial equipment, reducing the need for costly repairs and maintenance. By adopting our technology, companies can achieve significant cost savings of up to 65%. Our state-of-the-art sensors and software provide real-time data on the corrosion process, enabling proactive maintenance and extending the lifespan of critical assets. With our advanced corrosion monitoring system, companies can improve safety and increase operational efficiency. Address: Cambridge, United Kingdom. Website: www.corrosionradar.com

C S Corpro Companies, Inc.

Booth 347

Corpro provides people-powered corrosion protection for critical infrastructure worldwide. Our dedicated corrosion control professionals offer innovative, cost-effective, and long-term solutions for preserving assets through corrosion control. Corpro services allow clients to stop the corrosion of metallic structures and prevent or substantially delay the vastly higher expenditures required to replace deteriorated and unsafe structures. Address: Houston, TX. Website: corrpro.com

Cortec Corp.

Booth 1201

As the global leader in innovative, environmentally responsible VpCI® and MCI® corrosion control technologies, Cortec® delivers a wide range of world-class, cost-effective, user-friendly integrated solutions for corrosion problems in packaging, metalworking, construction, electronics, oil and gas, and many other industries across the globe. Address: Saint Paul, MN. Website: www.cortecvci.com

Exhibitors

Cortest, Inc.

Booth 1253

Cortest, Inc. (Willoughby Ohio), is the leading manufacturer of laboratory equipment for corrosion testing. Throughout its 44-year history, Cortest has produced innovative test systems that are safe, reliable, and of the highest quality, these include autoclaves, mechanical load frames, flow loops, and DCPD systems for high-temperature/high pressure studies. In addition to its standard test systems, they also offer custom test systems for the H2, oil, gas, and nuclear industries. Address: Willoughby, OH. Website: www.cortest.com

Cosasco

Booth 1123

Website: www.cosasco.com

S CRW

Booth 423

Website: www.crwusa.com

C CSI Services

Booth 1123

Website: www.csiservices.biz

CSNRI

Booth 401

CSNRI is the world's leading manufacturer of highly innovative, engineered products for the repair and rehabilitation of critical infrastructure. CSNRI's composite solutions address pipeline anomalies from metal loss and small deformations to large deformations, crack/crack-like features, as well as damage to process piping working in the range of -58°F to 730°F (-50°C to 388°C). We support our products with best-in-class design, engineering, testing, and training services to ensure proper installation and optimal performance. Address: Houston, TX. Website: www.cs-nri.com

Curran International, Inc.

Booth 735

A global leader in the development of anti-foul low surface energy heat exchanger tube ID coatings and surface treatments; providing thin film applications to eliminate routine maintenance, extend duty, and contribute to energy savings. Curran International applies foul release and corrosion resistant coatings; dry abrasive tube ID prep for NDE; and turnkey installation of full length alloy tube liners and ferrules. Curran provides in-situ services to refinery, petrochemical and power generation industries. Field service shops located in Houston, Edmonton, Rotterdam, Singapore. Address: Dickinson, TX 77539. Website: curranintl.com

Custom Linings

Booth 1677

Website: www.customlinings.com

D.E. Stearns Co./The

Booth 804

The D. E. Stearns Co., in Shreveport, Louisiana, is the original manufacturer of Holiday Detectors and has continued to manufacture the finest quality Holiday Detectors & related equipment in use throughout the world. For further details, see us at www.destearns.com. Address: Shreveport, LA. Website: www.destearns.com

S Dairyland Electrical Industries

Booth 1447

Dairyland is the world's leading manufacturer of solid-state decoupling products used to provide safety protection for equipment and personnel while optimizing CP system performance. Our proven product designs are backed by third party certification to standards around the world ensuring we deliver products that perform. Address: Stoughton, WI. Website: www.dairyland.com

Dakota Ultrasonics

Booth 701

We manufacture a complete line of portable ultrasonic thickness gauges, flaw detectors, bolt monitors, and transducers. Our thickness gauge line includes both dual and single element gauges with a variety of models and specific features, including our new coating measurement gauges. The flaw detectors are full-featured gauges designed to meet a variety of industry requirements. Address: Scotts Valley, CA. Website: www.dakotaultrasonics.com

Dale Fastener Supply

Booth 459

Dale Fastener Supply has been manufacturing and fabricating U-bolts, Coated U-bolts, Anchor bolts, J-bolts, Stud Bolts, and supplying fasteners since 1959. Our success has been possible through excellent service and a commitment to quality, unmatched in the industry. Address: Houston, TX. Website: www.dalecompany.com

Exhibitors

C Corporate Members

S Sponsor

C Dampney Co., Inc.

Booth 1453

Since 1917, Dampney Co., Inc. of Everett, Massachusetts, has been a world-class manufacturer of high-performance heat resistant coating solutions. Applications include ambient and hot-applied coatings for insulated and uninsulated carbon steel, stainless steel and alloys. Our technology allows for service temperatures up to 1600°F (871°C) with standard and custom color matching capabilities. Markets include chemical processing, refining, marine and OEM. Address: Everett, MA. Website: www.dampney.com

D Danatronics

Booth 604

After 19 years in business and a combined 125 years of Nondestructive Testing know how, Danatronics has emerged as a leading innovator of thickness testing equipment. Our offerings include our hand-held corrosion and precision ultrasonic thickness gages, flaw detectors, our new, hall effect thickness gage, and video inspection equipment. Our popular ECHO series provides the ability to have corrosion, precision and flaw detection in one unit with the ability to seamlessly switch between the three depending on your current application. Our hall effect gage, the MTG-99, measures the thickness of any non-ferrous material up to 1" with access to both sides. Video offerings include portable videoscopes and fiberscopes with and without articulation, videoscopes with motorized articulation, as well as robust push rod camera systems. Our ultrasonic and hall effect thickness instruments are proudly made in the USA. Address: Danvers, MA. Website: www.danatronics.com

S De Nora

Booth 1547

De Nora is a worldwide leader in mixed metal oxide (MMO) anodes used for impressed current cathodic protection. Our Elgard® branded anodes protect steel reinforced concrete structures, such as parking garages, bridge decks, waft and pier structures. Lida® anodes are used to protect industrial steel structures, such as pipelines, underground storage tanks, above ground storage tanks, locks, dams, offshore platforms and water boxes. De Nora proudly makes anodes in Concord, OH. Website: www.americas.denora.com

D Deepwater Corrosion Services

Booth 616

Website: www.stoprust.com

C DeFelsko Corp.

Booth 807

DeFelsko, a leading U.S. manufacturer of inspection instruments, proudly manufactures PosiTector and PosiTest brand of instruments including the PosiTector series of interchangeable probes for measuring coating thickness, surface profile, environmental conditions, salt contamination, concrete moisture, hardness and wall thickness. Address: Ogdensburg, NY. Website: www.defelsko.com

D Dehumidification Technologies, L.P.

Booth 728

DH-Tech is a portable climate control company that focuses on humidity and temperature control. We provide services/equipment for blasting and coating of tanks, confined spaces in the marine, petro-chem, power, and municipal sectors. We have the largest variety of fleet including Refrigerant and Desiccant-Style Dehumidifiers (200 to 20,000 CFM) to create any environment for our clients. Address: Houston, TX. Website: www.rentdh.com

C S Denso North America

Booth 915

Denso North America is a leading manufacturer of tapes, coatings and more. Denso provides long-life corrosion protection for pipelines, piles, and more for multiple industries. Products include visco-elastic coatings, petrolatum wax tapes, pipeline liquid epoxies, coal tar epoxies, bitumen & butyl tapes. Product brand names include Protal, Densyl Tape, SeaShield Systems including the FX-70 System, Archco Linings and Viscotaq coatings. In business for over 140 years, DENSO is recognized as the global leader in corrosion prevention. Address: Houston, TX. Website: www.densona.com

D DESCO Manufacturing, Inc.

Booth 1429

Desco manufactures a complete line of surface preparation equipment, while specializing in equipment used for applications requiring dust-free coating removal. All Desco tools are designed to be easy to use, withstand daily use and abuse, and to provide maximum performance. Structural Steel Contractors, utility plants, the US Navy and the Air Force are just a few of the industries that have counted on Desco for their surface preparation needs. Address: Rancho Santa Margarita, CA. Website: www.descomfg.com

VISIT US BOOTH 1547

100 DE NORA
since 1923



Lida[®]



**TRADITIONAL
CATHODIC
PROTECTION**

**MIXED METAL OXIDE ANODES
IMPRESSED CURRENT ANODES**

**CONCRETE
CATHODIC
PROTECTION**



Elgard[®]

www.denora.com
dntinfo@denora.com

Exhibitors

C Corporate Members

S Sponsor

Deutsche Edelstahlwerke / Swiss Steel USA

Booth 656

The Swiss Steel Group is a leading producer and processor of special steel long products in the following three materials groups: Engineering steel, Tool steel and Stainless, Acid and Heat resistant steel. The Swiss Steel Group offers its international customers a uniquely wide range of product dimensions, from drawn wire with a diameter of 4.5 mm to open-die forgings with a diameter of 1,100 mm. Contact: info-USCA@swisssteelgroup.com. Address: Carol Stream, IL. Website: <https://swisssteel-group.com/en/home>

C DNV

Booth 1439

As the technical advisor to the oil and gas industry, we bring a broader view to complex business and technology risks in global and local markets. Our staff of materials scientists, engineers, and API, ASNT and NACE-certified specialists is backed by the foremost materials and corrosion technology laboratory in North America. Address: Katy, TX. Website: www.dnvgl.com

Drinkwater Products

Booth 729

Drinkwater Products provides pipeline integrity solutions for both inside and outside of the pipe. Recognized as an industry leader in the pipeline pigging world, Drinkwater Products not only provides the largest selection of pigging products available, it also provides the knowledge and expertise to pick the right pig for your application. Address: Conroe, TX. Website: www.drinkwaterproducts.com

Droycon Bioconcepts Inc.

Booth 1675

Website: www.dbi.ca

E3 Energy Solution

Booth 1184

Website: www.e3energysolution.com

C **S** Eagle Industries

Booth 930

Eagle Industries is your leading construction supplier of Jobsite Enclosures & Containment Products. We supply a wide range of containment tarps, reinforced poly sheeting, safety netting, shrink wrap, equipment, scaffold containment & weather enclosure products. Eagle branded products are used for purposes of jobsite containment and abatement protection, weather protection, and jobsite safety. Address: New Orleans, LA. Website: www.eagleind.com.

EasyPower LLC

Booth 407

For over 25 years, EasyPower continues to develop unprecedented technologies to make your job simpler, smarter, and safer—delivering powerful software that is inherently easy to use. The flagship product, EasyPower, includes the following modules: arc flash analysis, power flow, short circuit, protection and coordination, reliability, dynamic stability, transient motor starting, harmonic analysis, Autodesk Revit integration and many others. In addition, we also carry XGSLab software, which is a full-featured grounding, lightning and EMF calculations solution. Additional workflow enhancing modules include SmartPDC™, which automates protective device coordination, and SmartDesign™ which automatically sizes feeders, breakers, switchgear, fuses, busway, MCCs, panels, etc to NEC requirements. Address: Portland, Oregon. Website: www.easypower.com

ECKART America Corp.

Booth 529

ECKART - a member of ALTANA AG - is one of the leading international manufacturers of metallic pigments for the paints and coatings industry, the graphic arts industry, the lightweight concrete industries and the cosmetics industry. In addition to use as a decorative design element, especially in the coatings industry, pigments do also have functional features as well. Address: Hartenstein, Bavaria, Germany. Website: www.eckart.net

Eclipse Surface Technologies

Booth 1282

Website: www.eclipseblast.com

ecoFINISH, LLC

Booth 501

Polymer Thermal Spray coating solutions for concrete, metal, and fiberglass. Liquid resin coatings including epoxy, urethane, and Polyaspartic base products. Address: Warminster, PA. Website: www.ecofinishcoatings.com

Multi-data Cathodic Protection Coupon System

- **Several field proven sensors in a single housing for easy installation.**
- **Coupons are recessed to ensure complete contact with soil.**

Optional AC Coupon
Obtain current density measurements.

Concentric DC Coupon
Provides IR free potentials without interrupting current.

Optional Zinc Reference Electrode
Eliminates risk of steel contamination.
Allows stand-alone installation.

ER Sensor
Measure corrosion rate and loss.



Over 35 Years Proven Technology

electrochemical devices, inc.

P.O. Box 789; Middlefield, OH 44062
617-484-9085 info@edi-cp.com

www.edi-cp.com



Exhibitors

C Corporate Members

S Sponsor

Eddyfi Technologies

Booth 827

Eddyfi Technologies provides the most advanced NDT technologies in the world, helping OEMs, asset owners and service companies enhance productivity, save lives, and protect the environment. Its mission is to provide unmatched advanced NDT solutions enabled by its expertise and technology leadership. Eddyfi Technologies offers a diversified portfolio of NDT sensors, instruments, software and robotic solutions for the inspection of critical components and assets in key industries such as aerospace, energy, and power generation. Address: Quebec, QC, Canada. Website: www.eddyfi.com

EIU, Inc.

Booth 663

Since 1980, EIU is a premier E&I contractor, licensed in 46 States. Our experienced team can provide AC interference studies, AC mitigation and cathodic protection design and installation, recoating, and industrial electrical installations. EIU has successfully completed projects for companies such as Duke Energy, Williams Gas, Kinder Morgan, Nextera, and Energy Transfer. EIU is a proud member of Veriforce, ITS, OQSG, ISNetworld and NCMS. EIU is your source for AC Mitigation and E&I services. Address: Haines City, FL. Website: www.eiuiinc.net

C Elcometer

Booth 1115

Elcometer has been a world leader in the design, manufacture, and supply of inspection equipment to the surface preparation, coatings, and concrete. By providing industry leading, quality products; supported by best-in-class customer service at a competitive price. In 2018 Elcometer launched a range of blast equipment. The range is the culmination of over 35 years of design, manufacture, and service of abrasive blast machines. Elcometer products are designed to meet the needs of the coatings and blasting industry. Address: Warren, MI. Website: www.elcometerusa.com

C S Elecsys International

Booth 1647

Elecsys is a manufacturer/supplier of remote monitoring equipment and services for cathodic protection and corrosion applications. Our Watchdog line of remote monitors set the industry standard for features and reliability. The Elecsys Connect web interface provides users with instant access to critical data as well as powerful reporting and data analysis tools. Elecsys, connecting industry for over 20 years! Address: Olathe, KS. Website: www.elecsyscorp.com

C Element Materials Technology

Booth 1423

Element is one of the world's leading global providers of testing, inspection and certification services for a diverse range of products, materials and technologies in advanced industrial supply chains where failure in use is not an option. Our global network of laboratories support customers from R&D, through regulatory approvals and into production, ensuring products are safe, sustainable and achieve market access. We offer world-leading advanced materials testing, inspection and advisory services, supplying critical materials evaluation for the most challenging environments. Address: Houston, TX. Website: www.element.com

C Elsyca NV

Booth 1558

Elsyca specializes in developing comprehensive digital twin solutions for oil & gas, energy utilities, marine and offshore industry. Our accurate and industry proven numerical modeling solutions are combined with engineering expertise to support integrity management, corrosion assessments, cathodic protection & AC mitigation designs programs. Our 3D modeling approach delivers unprecedented insights to support the adoption of cost effective maintenance programs and gain competitiveness by extending the lifecycle of entire assets. Visit us at booth 2554 or www.elsyca.com. Address: Wijnmaal, Belgium. Website: www.elsyca.com

Emerson

Booth 638

Emerson is the market leader in the configuration and supply of corrosion and erosion monitoring and management solutions. Our extensive portfolio of measurement technologies, infrastructure, and software combines the industry-renowned brands like Permasense, Roxar, WirelessHART, DeltaV controls, Plantweb, AMS and Fieldwatch software into integrated solutions to help our customers achieve top quartile business performance. Address: Houston, TX. Website: www.emerson.com



Scan QR Code

Access the
Official AMPP
Conference
App!



Exhibitors

C EN Engineering

Booth 1465

EN Engineering (EN) provides engineering and consulting services to oil & gas, electric utilities, and industrial customers. EN has expertise in corrosion control design, AC threat assessment and mitigation design, DC stray current analysis and mitigation design, CP field surveys, EMF studies, Integrity management, Internal corrosion, Specification and procedures updates, Project management, Welding procedure development, Metallurgical consulting and failure analyses, GIS analyses and management, and Database management — to list a few. Web site: www.enengineering.com

ENTRUST Solutions Group

Booth 1465

ENTRUST Solutions Group, rebranded from EN Engineering provides engineering and consulting services to utilities, midstream, and industrial customers. ENTRUST has expertise in corrosion control design, AC threat assessment and mitigation design, DC stray current analysis and mitigation design, CP field surveys, EMF studies, Integrity management, Internal corrosion, Specification and procedures updates, Project management, Welding procedure development, Metallurgical consulting and failure analyses, GIS analyses and management, and Database management — to list a few. With offices throughout North America, ENTRUST is well positioned to address our clients' needs. Address: Warrenville, IL. Website: www.entrustsol.com

EnviroCon Systems, Inc

Booth 606

Website: www.enviroconsystems.com

S Eoncoat LLC

Booth 979

EonCoat proudly serves its global customers from various industries by providing three solutions for permanent corrosion protection. It started with our flagship product, EonCoat Corrosion Protection, grew to EonCoat CUI Coating, and now includes EonCoat Weldable Corrosion Coating. The first coating to receive a perfect 10 from the vaunted NASA Beachside Test, EonCoat continues its campaign against corrosion. The list of third-party tests starts the conversation, but EonCoat's ability to outperform the expectations keeps companies returning for additional application projects. These serve as the foundations for their 30-year warranty. From small customers wanting a trial to large, global corporations with offshore oil rigs or aboveground storage tanks, the EonCoat team tackles every application project with zest. By offering a range of turnkey services, EonCoat customers can select from in-house

applications, field applications, or have their employees trained as EonCoat Certified Applicators. Address: Fuquay-Varina, North Carolina. Website: www.eoncoat.com

C ErgonArmor

Booth 1319

ErgonArmor protects steel, concrete and other substrates from corrosion, abrasion, chemical attack and moisture intrusion. We offer protective coatings, linings, polymer concretes and machinery grouts, chemical resistant brick and tile systems and water proofing membranes. Located in the United States, ErgonArmor sells in North America and other global locations. Address: Flowood, MS. Website: www.ergonarmor.com

C Ervin Industries, Inc.

Booth 1406

Website: www.ervinindustries.com

Evonik Corporation

Booth 1435

Evonik is one of the world leaders in specialty chemicals, supplying high-performance materials for environmentally friendly and energy-efficient systems. Our High Performance Polymers business line produces polymers suitable for many applications in the oil and gas sector which provide protection against corrosion or chemicals, increase the safety of energy transport, or enhance the efficiency of energy generation. Gas pipes and fittings produced from VESTAMID® PA12 are now approved by PHMSA for gas distribution services up to 250 psig. The Coating Additives business line produces specialty additives, silicas, and resins that enhance the performance and aesthetics of coatings. The new siloxane-based hardener TEGO® Cure 100 enables the formulation of durable, low-VOC coatings; its ease of handling, high storage stability and universality with different silicone binder systems supports a resource-efficient production process. Address: Piscataway, NJ. Website: <https://corporate.evonik.us/en>

E-Z Line Pipe Support Company, LLC

Booth 1582

E-Z Line Pipe Support Company was established in 1952 with the development of the E-Z Line Adjustable Pipe Support. Fueled by the growth of the Houston petrochemical industry in the late 60's and early 70's, E-Z Line expanded in to the field of structural steel fabrication. In 1984, E-Z Line expanded into natural gas transmission, supplying E-Z Line products such as adjustable supports, CSB (pipe clamp, steel shim block and base plate assemblies), structural steel pipe supports and platforms for natural gas compressor stations facilities. Address: Manvel, TX. Website: www.ezline.com

Exhibitors

C Corporate Members

S Sponsor

C S Farwest Corrosion Control Co.

Booth 1247

Farwest Corrosion Control Company is an industry pioneer and leader in cathodic protection and corrosion control products, solutions, and services. With eight U.S. locations, we offer a vast array of product inventory and C.P. services to mitigate complex corrosion issues. Let us help you find the right solution for your corrosion issue or future infrastructure project. Address: Downey, CA. Website: www.farwestcorrosion.com

FiberGlass Systems | NOV

Booth 247

From proprietary Tube-Kote™ Coatings to composite solutions, NOV provides unmatched corrosion resistant products to the global oil and gas, geothermal, chemical, marine offshore, fuel handling and mining industries.

TK™ Coatings set the industry standard for corrosion and wear prevention, deposit mitigation and improved hydraulics for all your OCTG, line pipe and accessory needs. Additionally, our TK-Liner system delivers exceptional corrosion protection and enhanced insulation properties for tubulars. With manufacturing facilities across four continents, Fiber Glass Systems provides composite piping systems, fittings, and structures that exceed expectations in weight savings and corrosion resistance. Address: Houston, TX. Website: www.nov.com

Fisher Company

Booth 507

Website: www.fisherutah.com

Flexitallic

Booth 536

Global Leader of Industrial Gaskets and Seals. Innovative products and materials targeting problematic sealing challenges. We now have an innovative Isolation Gasket that seals and stops corrosion like no other. A real revolution in isolation gaskets and kits. Address: Houston, TX. Website: www.flexitallic.com

FlexSteel Pipeline Technologies

Booth 1182

FlexSteel is the pipeline solution that couples the durability of steel with the installation, performance and cost benefits of spoolable pipe products. Highly corrosion resistant and more durable than other flexible pipe, FlexSteel combines the best features of all currently available pipe options to deliver superior life-cycle performance and value. Address: Houston, TX. Website: www.flexsteelpipe.com

Forze Electronics - 4Z Elektronik Ltd.

Booth 1564

Forze (4Z) Electronics was established for the design and production of various products in Cathodic Protection sector. Forze Electronics carries out the design and production activities of all its products within its own facilities. Forze Electronics produces Oil or Air Cooled Cathodic Protection Rectifiers, Solid State Mitigation Cells for safe and Ex zones up to 30kA, Dataloggers and CIPS & DCVG loggers, Smart Mitigation Cells for DC mitigation, Smart Test Stations for battery powered remote monitoring and many more. Address: Ankara, Turkey. Website: www.4zelektronik.com

Fos solutions

Booth 1486

Website: www.4zelektronik.com

French Creek Software, Inc.

Booth 1646

Website: www.frenchcreeksoftware.com

FURS Composites

Booth 1466

FURS Composite Products for Repair & Protection of pipelines and infrastructures are designed for the highest level of performance and protection capabilities. The products are fully engineered and manufactured at our facility in the Southeastern US. With over 90 years of continuous product development and manufacturing experience we are proud to offer products that reflect this commitment to quality. The process of weaving the fiberglass fabric all the way through impregnation with the desired urethane is done in-house, start to finish. Address: Charlotte, NC. Website: www.furscomposites.com

C Galvotec Alloys, Inc./ Corrosion Services

Booth 447

Galvotec Alloys As a recognized leader in The Cathodic Protection Industry, Galvotec Manufactures the Highest Quality Aluminum, Zinc Anodes in the market. Established in 1984, we have 39 years of tried-and-true experience and thousands of satisfied customers. Galvotec's ISO-9001 certified foundry, ISO-17025 accredited laboratory, and our highly experienced Professional Staff make us the most qualified Galvanic anode manufacturer in the world. We are the largest and most competitive anode supplier to the oil and gas industry. Address: Harvey, LA. Website: www.galvotec.com



MEASURING MADE EASY[®]

Coating, Plating & Material Analysis
Handheld, Benchtop & Inline Automation

Fischer Technology, Inc. | www.fischer-technology.com

fischer[®]

Exhibitors

C Corporate Members

S Sponsor

Gamry Instruments

Booth 828

Gamry Instruments designs, manufactures, and sells electrochemical instrumentation and accessories, designed to fit your needs and budget. From basic DC corrosion measurements to electrochemical impedance, noise, and frequency modulation, Gamry is the leader of electrochemical corrosion measurement instrumentation. We have a variety of single and multichannel potentiostats, QCMs, multiplexer, RCE setups, and cells/ accessories. Everything you need for material evaluation to inhibitor selection. Address: Warminster, PA. Website: www.gamry.com

Gecko Robotics

Booth 1314

At Gecko Robotics, our mission is to protect today's critical infrastructure and give form to tomorrow's - refineries, power plants, heavy manufacturing facilities, vessels, water storage, and many more. We accomplish this through our robotics platforms in concert with our enterprise software solutions, acquiring, processing, and analyzing data for well-informed decision making. Our robots operate in some of the most dangerous industrial environments, collecting data of unprecedented value and maximizing the contributions of human experts while keeping them out of harm's way. Address: Pittsburgh, PA. Website: www.geckorobotics.com

S General Corrosion Corp.

Booth 1529

General Corrosion Corporation has been your industry leader in cathodic protection services for over 25 years. We are dedicated to providing only the highest quality Cathodic Protection (design, installation & maintenance), AC Mitigation and Vacuum Excavation to the Midwest and surrounding areas. We provide superior corrosion control services safely, ethically, and economically. Address: Minneapolis, MN. Website: www.generalcorrosioncorp.com

GEOMAGIC Utility Solutions Inc.

Booth 1617

GEOMAGIC develops future-proof IT technologies for the energy sectors and is the specialist in cathodic protection data management and analysis software. The web-based platform GEOMAGIC CP Analyst manages and visualizes CP data and integrates data on protected structures, CP inspections and remote monitoring into a single system – independently of any CP system's hardware. CP Analyst serves as a data hub to facilitate long-term documentation and provide evidence of CP compliance. GEOMAGIC also focuses on high-compatibility software solutions for geographic information systems (GIS), integrity management, and operative and strategic asset management, with solid professional expertise in compliance

since 1994. Address: Houston, TX. Website: www.geomagic-utility.com

Geovert Asset Integrity Maintenance Pty Ltd

Booth 1383

Geovert provides turnkey full-cycle asset integrity maintenance solutions. We have multidisciplinary project teams for fixed-plant maintenance, shutdowns, construction services, for processing, refining and handling facilities in the resources sector. Providing long term asset integrity inspections, survey and a variety of maintenance solutions on infrastructure from pit to port covering; We specialise in bridge inspection and maintenance works with limited access and work with our clients to develop safe methodologies that limit impact on public, road users and the environment.

Girard Industries

Booth 540

Girard Industries began manufacturing the foam polly-pig in 1968 and since then we have expanded our manufactured products to encompass the complete line of pipeline cleaning pigs. Our Turbo Series® are solid cast polyurethane cup and disc pigs with available brush options. We have the largest size ranges of Spheres with up to 5 different sphere sizes per nominal pipe size. Our Steel Mandrel pigs are available in a variety of configurations with options including brushes, magnets, gauging plates and more. Address: Houston, TX. Website: www.girardindustries.com

C **S** GMA Garnet (USA) Corp.

Booth 1539

GMA Garnet Group is the leading producer of industrial garnet for the blast-cleaning and surface preparation industry, with advanced mining and processing operations established within Western Australia, Montana USA and strategically located distribution warehouses worldwide. The group has also pioneered the operation of large-scale garnet recycling facilities in Italy, Saudi Arabia, United Arab Emirates, and USA, offering an environmentally friendly solution to the disposal of used garnet. Address: The Woodlands, TX. Website: www.gmagarnet.com



Scan QR Code

Access the
Official AMPP
Conference
App!



AMERICA'S PREMIER ANODE MANUFACTURER

Setting the Standard!



GA Galvotec®

Excellence Beyond Compare



The Industry Leader Since 1984

QUALITY PRODUCTS



EXPERIENCE



INTEGRITY



EXPERTISE



INNOVATION



Worldwide Leader

Offshore

On Shore

Retrofit

NACE Certified

Technicians

Technologists

Specialists

ISO Certified

Accredited Laboratory

Efficient Anode Foundry

Cathodic Protection

Corrosion Services

Vertical Tension Anodes

Pin Brazing

Aluminum Anodes

Zinc Anodes

Magnesium Anodes

Specialty Magnesium Products

Superior Quality

Sales Office: 181 Grefer Lane | Harvey, LA 70058 | Tel.: (504) 362-7776 | Fax: (504) 362-7440
Headquarters: 6712 S. 36th Street | McAllen, TX 78503 | Tel.: (956) 630-3500 | Fax: (956) 630-3595

www.galvotec.com

anodes@galvotec.com



Exhibitors

C Corporate Members

S Sponsor

GMA Industries

Booth 1734

GMA Industries is an industry leading manufacturer and recycler of abrasives used for shot blasting, shot preening, surface cleaning and preparation. For over 40 years, GMA has delivered top quality abrasive media across all industries. Operations specialize in manufacturing virgin brown fused aluminum oxide, and recycling used brown fused aluminum oxide, steel shot and grit. Address: Romulus, MI. Website: www.gmaid.com

GMC Electrical Inc

Booth 756

GMC Electrical, Inc. is a family owned Corporation specializing in the manufacturing of our exclusive "Staperm" brand of reference electrodes. For over 39 years GMC Electrical has provided high quality and reliable products for the Corrosion Control industry. Our "Staperm" brand is world renowned for quality you can trust. In addition, GMC Electrical also provides Engineering, Field Testing, maintenance contracts, CP design and installation services, along with all other materials for the corrosion industry. GMC Electrical is one of the original importers of the BAC Pin brazing line of products, our extensive knowledge allows us to provide industry leading technical assistance and repairs to mitigate costly downtime on any projects. With GMC Electricals' vast network of distributors, customers can be assured their needs are met anywhere in the world. Address: Corona, CA. Website: www.gmcelectrical.net

C GNPGraystar

Booth 1616

Website: www.gnpceramics.com

S GPT Industries

Booth 739

GPT is the world's leading manufacturer of critical pipeline sealing and electrical isolation products. With a focus on safety, performance and reliability, we employ advanced engineering and manufacturing processes to meet the challenging demands of the oil and gas, water/wastewater, and construction and infrastructure industries. With a global production, distribution and support network, we are positioned to meet our customers' needs with unprecedented responsiveness and expertise. Address: Wheat Ridge, CO. Website: www.gptindustries.com

Graco, Inc.

Booth 1101

Graco is a world leader in fluid spraying technology. Our extensive line of sprayers, equipment and accessories delivers superior results under the most demanding conditions.

No matter the job, Graco equipment delivers unsurpassed performance and durability when applying protective coatings. Address: Minneapolis, MN. Website: www.graco.com

Green Diamond Performance Materials

Booth 1464

Green Diamond Performance Materials delivers the most cost-effective, best profiling, consistent and environmentally friendly Abrasive Blast Media in the industry. Green Diamond abrasives are single sourced from our +20 million-ton magnesium orthosilicate reserve located in Riddle, Oregon. We combine hardness, angularity and precision particle gradation to deliver the cost saving performance, cleanliness and consistency of our world-class products. Address: Riddle, OR. Website: www.greendiamondpm.com

C S Greenman-Pedersen, Inc. (GPI)

Booth 1155

Greenman-Pedersen, Inc. (GPI) is a leading engineering consulting firm that specializes in the innovative design and construction of transportation infrastructure and building projects. Our coatings experts consist of nearly 100 coatings professionals and inspectors, spread throughout our 54 office locations and our full-service coatings laboratory, allowing us to provide local staffing for most projects. Our coatings experts have earned a reputation for excellence in the coatings industry, and are proudly one of only thirteen SSPC Quality Program 5 (QP5) Certified Firms. Address: Babylon, NY. Website: www.gpinet.com

Grid-Guard

Booth 1403

Grid-Guard rock shields are the most advanced rock shields on the market. Grid-Guard offers three levels of protection for your coating and is approved with most major gas companies in the U.S. Sold nationwide and internationally through a network of distributors; inventory will always be available for your project and the price will be very competitive. If you'd like a demonstration of the differences in Grid-Guard vs others rock shields, and the way we can best protect your line, please reach out to Jamie at (225) 335-9676 or jamiieb@jdrcompany.com. Address: Alpharetta, GA. Website: www.grid-guard.net

Guided Ultrasonics Ltd. - GUL

Booth 435

Guided Ultrasonics Ltd. (GUL) is the global leader in guided wave technology. Our products represent the most advanced guided wave testing (GWT) equipment to assess pipes, and other structures from a single, remote and easily accessible

Exhibitors

location, without taking them out of service. Wavemaker® is the most reliable long range screening system in the market. gPIMS® is the leading edge technology for cost efficient large area pipeline monitoring. QSR® is the first scanning system designed to indirectly measure remaining wall thickness. Our services include consultancy and onsite support by GWT experts, helping our clients to find an efficient solution for their inspection and monitoring projects. Address: Brentford, Greater London, UK. Website: www.guided-ultrasonics.com

GVS RPB

Booth 1360
www.gvs.com/en/

C Harsco Environmental

Booth 1082
Harsco Environmental is a global organization providing economic solutions fundamental to worldwide economic growth. The company set the standards for environmentally sustainable solutions for by-products of steel and energy production. The Reed Minerals division is a pioneer in mineral processing for environmentally beneficial uses and is known throughout the industry for its high quality, high performance BLACK BEAUTY® abrasives, roofing granules and aggregates products. Address: Camp Hill, PA. Website: www.blackbeautyabrasives.com

Hempel

Booth 463
Hempel's paints and coatings protect and beautify buildings, infrastructure and other assets, and play an essential role in our customers' businesses. They help minimize maintenance costs, improve aesthetics and increase energy efficiency. At Hempel, our purpose is to shape a brighter future with sustainable coating solutions. Hempel was founded in

Copenhagen, Denmark in 1915. It is proudly owned by the Hempel Foundation, which ensures a solid economic base for the Hempel Group and supports cultural, social, humanitarian and scientific purposes around the world. Address: Conroe, TX. Website: www.hempel.us

S Highridge Corrosion Services

Booth 1454
Highridge specializes in a variety of corrosion services including some of the following, Corrosion Technicians, ECDA Programs, DCVG, ACVG, CIS, Inspection for Cathodic Protection Projects, AC Mitigation/Gradient Mat Installation, Interference Testing – AC and DC, Vac Truck CP Installations, and Coating Inspection/Consulting. Highridge strives to be one of the premier contactors in the industry Address: Prague, OK. Website: www.highridgecorrosion.com

C Hippwrap Containment

Booth 552
Hippwrap specializes in the distribution of Fire-Retardant industrial shrink wrap film, shrink wrap installation accessories and Fire-retardant temporary deck coverings since 1986. Our 35+ years of experience and knowledge in industrial environmental containment, weather protection and abatement positions us to help our customers with great products and experience to achieve positive outcomes and profitability for our customers. If our customers prefer not to self-perform jobs, Hippwrap will come to your jobsite and install the Hippwrap System for protection and containment. Address: San Diego, CA. Website: www.hippwrap.com



Exhibitors

C Corporate Members

S Sponsor

C S **HoldTight Solutions, Inc.**

Booth 1301

Have you ever thought, do I really have a clean steel surface to apply my coating? HoldTight Solutions Inc. manufactures and distributes HoldTight® 102 that helps clean surfaces by removing soluble salts and other contaminants and as a bonus prevent flash rusting for 24-72 hours. It is a pillar in today's surface preparation process to ensure that coatings achieve full adhesion and do not fail. Additionally, HT 365 is offered as a preservation coating to provide temporary corrosion protection for up to a year. Finally, HoldTight offers a NEW line of surface preparation test kits known as SaltProof®. Visit with us to learn more about our market leading products. Address: Houston, TX. Website: www.holdtight.com

C **Honeywell Forge Corrosion Advisor**

Booth 1847

Honeywell is a Fortune 500 technology company delivering industry specific solutions that include control technologies, products and services for buildings and industrial sites. Our technologies help mines and mills, supply chains, and workers become more connected to make our world smarter, safer, and more sustainable. Honeywell provides solutions for digital transformation of operations, including a mix of software products and enabling services that help mining and minerals companies use operational data to drive insights that improve processes and empower workers. We help to profitably improve safety, sustainability and productivity with intelligent, autonomous operations advancing digital transformation to the next level. Address: Atlanta, GA. Website: <https://www.honeywellforge.ai/us/en/products/industrials/predict-corrosion-suite>

C **HUVRdata**

Booth 1259

HUVRdata is the next generation Inspection Data Management Software Platform. Purpose-built in the cloud, the mobile-connected and vendor-agnostic HUVR IDMS enables the aggregation, analysis and automation of visual and quantitative inspection data from any device, sensor, robot, or field technician. The largest energy producers and the most specialized inspection service providers have realized immediate ROI using HUVR to plan inspections, manage work, ingest data, assess findings and generate analytical reports – from any workflow and in concert with any existing systems of record. Industrial asset owners finally have a simple and easy way to visualize infrastructure health, ensuring compliance, reliability and operational excellence. Address: Austin, TX. Website: www.huvrdata.com

C **IBIX North America, Surface Tech. LLC**

Booth 1534

IBIX Surface Technologies LLC has been actively supporting the Blasting and Coating Industry with Mobile on-site portable equipment for over 10 Years throughout North America. Our systems are Engineered to handle any surface, with using multiple Materials. Training and certification is an integral part of our Technical sales force. Located in Tampa Bay Florida allows for year around service and supply as well export product with ease. Address: Largo, FL. Website: www.ibixusa.com

IGL Coatings USA Ltd.

Booth 664

IGL Coatings is a multi-award winning Malaysian technology firm focusing on developing innovative, disruptive and sustainable nanotechnology products. Redefining the coatings industry, IGL Coatings pioneered in low and zero VOC ceramic coatings. IGL Coatings has worked extensively to improve hazardous formulations by creating eco-friendly, sustainable and low VOC coatings for a better world. The range of coatings by IGL Coatings are from automotive, to aviation, marine, industrial, and now includes our latest product, ecoclear Aegis, a transparent anti-corrosion coating. Formulated as a silicone hybrid resin based 2-component (2K) paint system, Aegis is reinforced with graphene to boost performance and mechanical properties. Specifically designed to protect steel, concrete, glass and all other kinds of surface in high corrosive environments (C5). Due to its unique transparent system, Aegis is able to show signs of early corrosion, allowing preventive measures to be taken immediately, saving time, costs and accidents. Address: Depew, NY. Website: <https://iglcoatingsusa.com>

Imenco Corrosion Technology

Booth 554

<https://imenco.no/>



Scan QR Code

Access the
Official AMPP
Conference
App!



Exhibitors

Inductosense Ltd.

Booth 1528

Inductosense is a UK-based company that designs and manufactures ultrasonic sensor technologies for internal corrosion and erosion monitoring. The Inductosense WAND technology is a patented wall thickness monitoring system that enables accurate, repeatable measurements at a fraction of the cost of alternative methods. The team of ultrasonic experts support major operators across the world to streamline their operations and achieve their digitalisation objectives with WAND solutions. Address: Bristol, UK. Website: www.inductosense.com

C InduMar Products, Inc.

Booth 1530

InduMar Products has made use of advanced materials, composites, and technologies to provide innovative repair and protection solutions to a range of industrial sectors since 1986. Our products are designed to address pipe and tank leaks, corrosion control, and mechanical pipe rehabilitation with an emphasis on ease of installation, high performance, and long lifetime. Our products include the Stop It© Pipe Repair System, Gas Riser Rescue™, the BoreShield™ line of abrasion resistant outerwraps (AROs), the XCorr suite of epoxy repair products, and the StopCorr™ line of polyolefinic wraps, pastes, and sealants. Contact us at +713-977-4100 in Houston, TX to discuss potential solutions to your repair and remediation needs. Learn more at: www.InduMar.com

Indusenz

Booth 866

C Induron

Booth 630

Induron Protective Coatings is a 75 year old, privately held industrial coatings manufacturer. Induron produces coatings for 3 primary markets: Water/Wastewater, Pipe Linings and Electrical Transmission and Distribution Infrastructure. Address: Birmingham, AL. Website: www.induron.com

Industrial Vacuum Equipment Corp

Booth 1495 & 1487

Industrial Vacuum Equipment Corp. manufactures the Hurricane line of industrial vacuum loaders and FiltAire dust collectors. We sell and rent vacuums and dust collectors from locations throughout North America. Setting the Quality Standard for over 30 Years! Address: Ixonia, WI. Website: www.industrialvacuum.com

Innovative Analytical Solutions (IAS)

Booth 1437

Established in 2014. Innovative Analytical Solutions provides laboratory and field instruments for metal analysis. I.A.S. LLC represents Belec Spectrometer from Germany and Frontics America from South Korea. The Belec systems are Optical Emission Spectrometers capable of complete elemental analysis for certification and verification of analytical chemistry and alloy identification. The Frontics instruments are Micro Indentation Testers that can non-destructively measure Tensile, Yield, Hardness and Fracture Toughness. Address: Bremen, AL. Website: www.steelalyzer.com

C Integrated Global Services

Booth 553

Integrated Global Services (IGS) provides surface protection solutions for mission-critical equipment. IGS' integrated service offering of HVTs alloy cladding helps power, oil and gas, paper, and other critical processing companies operate their equipment reliably and safely. A world leader in onsite thermal spray with over 3,000 successful projects completed, IGS offers proprietary materials and application processes and experienced project management for dependable assistance in planned or emergency shutdowns. Address: Richmond, VA. Website: www.integratedglobal.com

S Integrity Assessment Group

Booth 1601

Integrity Assessment Group (IAG) performs integrity assessments and maintenance services for the Oil & Gas, Power & Renewables and Process industries. Our turnkey solutions offer our customers ease and convenience as well as cost savings. Additionally, we can integrate our efforts across complimentary service lines to provide high quality and actionable deliverables. Our safety record is the best in the industry (TRIR – 0) and is the foundation of IAG. We help our customers solve problems and look for opportunities to build more efficient and effective integrity programs. Our customers' benefit by increasing asset reliability, saving time and money, reducing regulatory compliance issues, and reducing adverse environmental consequence. IAG also utilizes the latest technology so that we can deliver the best results for our clients. Address: Tomball, TX Website: www.int-grp.com

Exhibitors

C Corporate Members

S Sponsor

Integrity Products & Supplies Inc

Booth 1483

Integrity Products creates, manufactures, and distributes world-class products for various industries, including, Oil and Gas, Petrochemical, NDT Pulp and Paper, and Power Generation. Core products include our patented inspection access ports Integrity Plugz™ and our growing line of Corrosion Under Insulation (CUI) Products. These products are designed to detect or mitigate the risks of CUI and Stress Corrosion Cracking (SCC). Our company is driven by the desire to innovate and has a proven commitment to research and development that has given us a reputation of responsiveness and the ability to customize product solutions for our customers. Integrity has been issued numerous patents and has published numerous peer-reviewed research articles from the extensive data acquired via 3rd party testing and field trials. Come join us at booth # 1483 and visit our website at www.integrity-products.com

S Integrity Solutions Field Services, Inc.

Booth 1519

Integrity Solutions Field Services is a full service cathodic protection company, specializing in CIS and DCVG surveys, with vast experience in the ECDA process, offering turnkey services for all 4 phases. We offer corrosion control services including construction services, AC mitigation, design and modeling, atmospheric inspection and rehab, and a myriad of technician troubleshooting. We identify and summarize risk assessment factors for solar structures. Our custom software provides data in any format and our deliverables are customizable and one of the best in the industry. Address: Alma, MI. Website: www.isfieldservices.com

C International/Interprovincial Corrosion Control Company (ICCC)

Booth 924

ICCC provides engineering services & the supply/manufacture of Corrosion Control/Cathodic Protection Materials throughout North America. ICCC is a member of NACE with experienced Corrosion Engineers specializing in the Cathodic Protection of buried or immersed metallic structures. For 65+ years, ICCC has manufactured the Rustrol® Product Line for world-wide distribution. Address: Burlington, ON, Canada. Website: www.rustrol.com

Intertek

Booth 1753

Website: www.intertek.com

IRISNDT Inc

Booth 1709

IRISNDT is a world leader in non-destructive testing ("NDT"), providing Conventional NDT, Advanced NDT, Asset Integrity Engineering, Turnaround, Routine Inspection, Light Mechanical, Rope Access, and Heat Treatment services.

Established in 1953, we service the oil, gas, chemical processing, petrochemical, wind and renewables, power generation, and mining industries.

Our USA operations provide services from Texas, Colorado, Illinois, Indiana, Kansas, Louisiana, Michigan, Minnesota, North Dakota, Ohio, Oklahoma, and Utah. Globally, we provide services from Canada, the United Kingdom, and Australia. Website: www.irisndt.com

IRT Integrated Rectifier Technologies, Inc.

Booth 746

IRT is a leading manufacturer of transformer rectifiers and junction panels; servicing the CP industry internationally since 2001. We offer standard products for basic applications and also work with clients to develop custom solutions for special applications. Our products are designed and manufactured with quality, reliability, safety, and practicality in mind. All rectifiers are supplied with NRTL electrical approval from CSA or ETL (C/US certification and/or special approval). 780-447-1114 (Canada) / 918-805-7587 (USA) / sales@irtrectifier.com. Address: Edmonton, AB, Canada. Website: www.irtrectifier.com

C S International Union of Painters and Allied Trades (IUPAT - Finishing Trade)

Booth 1374

The International Union of Painters and Allied Trades is committed to providing our industry partners a highly trained and certified workforce to mitigate the devastating impact of corrosion on our infrastructure and facilities. A proud partner of AMPP, and a leader in meeting those industry certifications. Learn more at www.IUPATindustrial.com - www.iFTI.edu - www.IUPAT.org. Address: Hanover, MD. Website: www.iupatindustrial.com. Address: Hanover, MD. Website: www.iupatindustrial.com

Spartacus

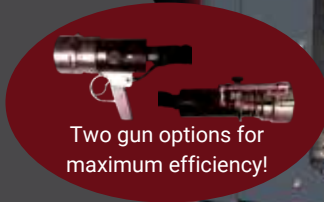
Portable Powder Coating System
3-in-1 System (preheat - spray - post cure)



With the most portable flame spray coater in North America, you can be ready for any industry at any time!



 Special Edition - Celebrating 10 years in America!



Two gun options for maximum efficiency!

Also available: our backpack repair tool for easy touch up repair jobs!

Visit AMPP Booth 1534 and find out what the Spartacus coater can do for you!



TALK TO OUR CERTIFIED CONTRACTORS NATIONWIDE
IBIXCONTRACTORCONNECT.COM

www.ibixusa.com - 1-727-322-4611 - sales@ibixusa.com

Exhibitors

C Corporate Members

S Sponsor

Ivium Technologies

Booth 1723

Ivium Technologies is a leading manufacturer of potentiostats/galvanostats with integrated FRA/EIS for corrosion measurements. For both field and lab measurements we offer the truly portable USB powered potentiostats with FRA/EIS: #pocketSTAT2 (handheld)/#CompactStat (24bit high resolution). For dedicated research/testing see our: #Vertex (entry level)/#IviumStat (24bit high resolution all purpose)/#Ivium-n-Stat multi-channel potentiostat. Our powerful IviumSoft control and data analysis software offers all electrochemical and corrosion techniques, and is included free of charge with each instrument. Additional options such as multiplexers and power boosters are available, including a magnetic cell for EIS measurements in the field.

IXS Coatings

Booth 1569

IXS Coatings has world-class manufacturing facilities containing high-end, precision blending equipment — including various mixing tanks and variable-speed mixing systems for producing quality products that meet your chemical specifications. IXS toll blending services are designed to save time, money, and headaches during your production run. By eliminating the need for expensive production equipment and additional labor, our toll blending services can save you money on the bottom line and help you maintain lower overhead costs. Address: Lebanon, TN. Website: www.ixscoatings.com

IXS Coatings tolling capabilities:

- Largest bulk tank capacity in North America
- Fully automated plant production
- Largest polyurea lab and product innovation center in the world
- ISO 9001:2008 Certified
- Dedicated tolling professionals

IXS Coatings is the parent company of both LINE-X and Ultimate Linings.

J.H. Fletcher & Co.

Booth 1628

J.H. Fletcher & Co. has been engineering and manufacturing equipment since 1937, with a focus on providing solutions that improve safety and efficiency. Included in Fletcher's standard product line is the Model BK-80 Grit Blaster, a robotic ultra-high pressure water and abrasive grit blaster. The model features 80' of reach and radio remote operation. Fletcher also offers specialty equipment, custom designed to help solve customer's operational obstacles. Address: Huntington, WV. Website: www.jhfletcher.com

JA Electronics

Booth 819

JA Electronics has been providing quality CP equipment for 40 years, and has now joined Matcor to provide the CP industry with the highest quality equipment and service. JA manufactures to our client's specifications & requirements. We are a Custom Manufacturer of CP Rectifiers, Junction Boxes, Solar CP Units, and related equipment. Rectifiers include Air-cooled, Oil-cooled, Manual control, Auto- Potential, Constant Current & Dual Rectifiers. Ask us about our Quick-Turn Rectifiers that can be shipped in 2-3 days. Junction box options include Anode, Negative & Uni-directional bond. Website: www.jaelectronics.com

C Jennings Anodes USA

Booth 238

Jennings Anodes USA Inc. is the manufacturer of the widest range of anodes for the C.P. market that includes Magnesium Anodes, Aluminum Anodes, Zinc Anodes, Zinc Ribbon Anodes, High Silicon Cast Iron Anodes (HSCI), Mixed Metal Oxide (MMO) tubular Anodes, MMO mesh anodes, MMO ribbon anodes as well as Marine anodes and electrodes.

We are also a distributor of CP materials, including backfills, insulating materials, cables and wires, junction boxes, Transformer rectifiers and remote monitoring equipment. With over 50 years of experience and expertise, from design to manufacture, the quality of our products is guaranteed to ensure the optimum performance of your CP systems. Jennings Anodes foundries are ISO9001 certified with strict Quality Assurance and Quality Control procedures as well as qualified metallurgists and C.P. engineers ensuring we supply only the highest quality anodes. Address: Katy, TX. Website: www.jenningsanodes.com

Jetstream of Houston

Booth 1629

Website: www.jetstream

Johns Manville

Booth 1405

Johns Manville, a Berkshire Hathaway company (NYSE: BRK.A, BRK.B), is a leading manufacturer and marketer of premium-quality products for building insulation, mechanical and industrial insulation, commercial roofing and roof insulation, as well as fibers and nonwovens for commercial, industrial and residential applications. JM serves markets that include aerospace, automotive and transportation, air handling, appliance, HVAC, pipe and equipment, filtration, waterproofing, building, flooring, interiors and wind energy. Address: Denver, CO. Website: www.jm.com

Exhibitors

Jotun Paints Inc.

Booth 300

At Jotun, we protect property by providing solutions that not only enhance the appearance of your asset but also ensure long-lasting durability. Our range of paints and coatings are inspired by technology, designed to meet the latest industry standards, and developed with sustainability in mind. Our specialties include coatings for corrosion and fouling protection of metal substrates and passive fire protection of steel.

Address: Houston, TX. Website: www.jotun.com

Kantex Industries, Inc.

Booth 1261

Kantex utilizes BOTH air and hydro vacuum excavation equipment, and will put the right equipment and crews on each project. A recognized leader in cathodic protection installation by soft digging, Kantex uses, non-destructive method, to expose your assets while minimizing the potential for damage.

Kantex employs well trained, safety conscious technicians to competently and professionally install CATHODIC PROTECTION SYSTEMS to solve corrosion problems of buried and submerged utilities, EXTENDING THE OPERATIONAL LIFE of your buried assets and SAVING YOU MONEY. Address: Colorado Springs, CO. Website: www.kantex.com

Kennametal, Inc.

Booth 1738

Kennametal is a global supplier of solutions for wear, heat, and corrosion problems, a world-class manufacturer of components, and a service provider to a wide range of industries. By matching our advanced material solutions and technologies to your applications, we can help you solve your biggest wear problems, avoid costly downtime and catastrophic failures, and achieve significant savings. Contact +1 833-379-1506 / k-corp-infra.insidesales@kennametal.com. Address: Pittsburgh PA. Website: www.kennametal.com

Kleen Blast

Booth 703

Kleen Blast is a manufacturer and distributor of quality sandblasting media and brand name sandblasting equipment. They have 5 warehouses located in the major metropolitan areas on the West Coast with 23 distinct types of blast media in stock. Kleen Blast is also a high-quality product used by the marine industry for sandblasting the hulls of ships. Kleen Blast is an iron silicate that has excellent value per pound and performance you can count on. Kleen Blast is also available through other materials suppliers and distributors. A few of the major product lines distributed by Kleen Blast include

Clemco, Shmidt, Bullard, RPB, Bartons, and besides being the largest distributor of recycled crushed glass for sandblasting Kleen Blast has a spent abrasive program known as Kleen Industrial Services (KIS) that processes spent abrasives and repurposes it into other industries. KIS and Kleen Blast provides intelligent solutions for the next generation. Address: Tacoma Washington, Portland Oregon, Hayward California, Rancho Cucamonga California, San Diego California. Website: kleenblast.com

Knight Industrial Services

Booth 705

Knight Industrial Services is a Soft Craft Service company who offers Abrasive Blasting and Surface Preparation, Painting and Coatings, Scaffolding, Industrial Insulation, Fireproofing, and Lead and Asbestos Abatement in the Gulf Coast area for upstream, midstream and downstream maintenance, capital projects and new construction, and turnaround market segments. Address: Baytown, TX, Port Arthur, TX. Website: www.knightis.com

KTA-Tator, Inc.

Booth 838

KTA-Tator, Inc. was the first Coating Inspection Firm qualified under SSPC QP-5 and employs over 140 NACE Certified Inspectors and 70+ CWI's across the globe to service our clients. KTA professionals are supported by analytical and physical testing laboratories accredited to ISO 17025 by A2LA (Testing Cert. #2455.01) and a fully stocked coating and corrosion inspection instrument sales department providing sales, calibration, and repair accredited to ISO 17025 by A2LA (Testing Cert. #2455.02). Address: Pittsburgh, PA. Website: www.kta.com

LAIKEN S.A.

Booth 1317

Laiken specializes in the manufacture and sales of materials for Corrosion Control. We manufacture high quality aluminum, zinc, magnesium, graphite, titanium and high silicon cast iron anodes. We provide a wide range of products and services for Asset Management and Asset Integrity, such as ECDA instruments, Remote Monitoring units, Rectifiers, coupons and engineering services. We export our materials and services to all the world. Address: Buenos Aires, Argentina.

Website: www.laiken.com.ar

Exhibitors

C Corporate Members

S Sponsor

C Lake Superior Consulting

Booth 757

Lake Superior Consulting, LLC (LSC), a Shawcor company, is an engineering consulting and services company providing integrity management solutions and pipeline and facilities engineering solutions for the energy industry. Since 2002, the principles of excellence and integrity have driven every aspect of LSC and the way we support our clients. LSC continues to use innovative technologies to execute a wide range of projects and meet the increasing needs of our US and Canadian client base. Address: Duluth, MN. Website: www.lscconsulting.com

Lamons Manufacturing and Service Co.

Booth 603

Website: www.lamons.com

Langtry Blast Technologies Inc.

Booth 603

Website: www.langtry.org

LBBC Blaskerville

Booth 1947

At LBBC BASKERVILLE, we supply innovative autoclaves that are recognized in the marketplace as being of the highest quality and integrity. We offer a range of innovative solutions engineered for projects where extreme realistic simulations are crucial for material selection, chemical analysis and corrosion control and assessment applications. If autoclaves are vital to your business or to process operation, product optimization, research, our dedicated team can help. Address: Leeds, UK. Website: www.lbbcbaskerville.com

Lift-Off Pipe Supports

Booth 505

Lift-Off™ pipe supports provide the best pipe support corrosion mitigation solutions for uninsulated piping. Our supports also distribute the pipe load evenly across the whole width of the beam, allowing higher beam loading capacities and a wide temperature range (-265 to +500F). NO HOT WORK IS REQUIRED. All "Lift-Off" Pipe Supports products are safe, environmentally friendly, and manufactured in the USA. We also undertake pipe support surveys. Address: Lake Charles, LA. Website: www.liftoffpipe.com

C S LORESCO, Inc.

Booth 1213

LORESCO® manufactures impressed current anode backfill for all field conditions. LORESCO® SC-3® is designed specifically

for demanding anode systems. LORESCO® meets all standards for impressed current anode backfills. SC-3®, RS.3®, and PowerFill® carry an NSF/ANSI/CAN std 60 certification. Other LORESCO® products are replaceable deep anode systems, AllVent™, and PermaPlug™. These products represent the finest innovations available for the deep-anode cathodic protection industry. For quality, service, and price specify LORESCO®. Address: Purvis, MS. Website: www.loresco.com

Louisiana Association for the Blind

Booth 1661

Website: www.lablind.com

LS Industries

Booth 965

LS Industries is a manufacturer of equipment for cleaning metal, including shot blasters, washers and vibratory machines. Address: Wichita, KS. Website: www.lsindustries.com

LuminUltra Technologies Ltd

Booth 1683

LuminUltra is a global leader in the development and delivery of user-friendly microbiological monitoring solutions to laboratories, service providers and asset owners in the oil & gas market, in efforts to help them identify and address the root cause of Microbiologically Influenced Corrosion (MIC), Souring and Biofouling. Our best in class portfolio of testing methods and software tools – including 2nd Generation ATP® and our GeneCount™ DNA-based products and services – provide customers with an accurate, fast, and comprehensive picture of how many microorganisms and what types of microorganisms are in their processes. Customers benefit by being able to quickly and accurately quantify both total and specific microbes to understand cause-and-effect relationships that leads to more targeted treatment and proactive decision-making, supported by our expert team and digital engagement platforms. More data on the microorganisms in your system means faster, better decision making for greater efficiencies. Address: Fredericton, New Brunswick, Canada. Website: luminultra.com



Scan QR Code

Access the
Official AMPP
Conference
App!



Exhibitors

Luna Innovations

Booth 1431

Luna Labs is a supplier of innovative monitoring solutions that transform how maintainers and engineers protect assets from corrosion. Our maintenance solutions provide valuable insights that can determine inspection frequency, optimize maintenance practices, and alarm at the onset of unexpected corrosive conditions. In materials and processes, we improve confidence when predicting performance, reducing risk and expediting the time required to introduce new materials into corrosive environments. Luna Labs USA. Address: Charlottesville, VA.

M. C. Miller Co., Inc.

Booth 1109

M. C. Miller Co., Inc. has been serving the needs of the corrosion control industry since 1945 as a manufacturer of equipment and software for the collection and management of corrosion control data. We offer state-of-the-art dataloggers, CIS and DCVG survey equipment, soil and marine reference electrodes, soil resistivity test kits (including resistance meters), GPS current interrupters, CP system multimeters, voltmeters, coupons, and flange and casing insulation checkers. M.C. Miller Co., Inc. Trusted by Corrosion Engineers Worldwide. Address: Sebastian, FL. Website: www.mcmiller.com

PREPARING FOR YOUR CERTIFICATION EXAM?

We are now offering practice exams for our most popular certifications!

Take a test run for your certification with one of these new practice exams:

- Coating Inspector Program – Level 1
- Coating Inspector Program – Level 2
- CP1 – Cathodic Protection Tester
- CP2 – Cathodic Protection Technician

Along with Exam Preparation Guides, these practice exams will help you attain certification.

Get started:



Learn more about AMPP. www.ampp.org



Exhibitors

C Corporate Members

S Sponsor

MAG Specialties Inc.

Booth 1758

Mag Specialties (MAG) is a global leader in magnesium extrusions, serving customers with engineered solutions enabled by highly experienced personnel and world class extrusion technology. Mag Specialties specializes in a wide range of extruded and cast cathodic protection anodes. We can provide both low potential and high potential anodes and both aluminum and magnesium anodes. Mag Specialties has experience extruding over 9000 shapes in over 20 different magnesium alloys. We offer magnesium extrusions in a variety of standard alloys and forms as well as many special shapes tailored to a customer's requirement. Headquartered in Denver, Colorado, MAG provides customers with local engineering, sales, and customer support. Our manufacturing facility located in Nuevo Laredo, Mexico utilizes advanced Dow extrusion technology complemented by intellectual capital accumulated over 75 years of business in the magnesium industry. Address: Denver, CO. Website: <http://magspecialtiesinc.com>

Marvel Industrial Coatings

Booth 763

We are the premier provider of Polyurea Spray-On Liner Systems, Industrial Protective Coatings, Spray Foam Solutions, Secondary Containments, Oil & Gas Industries, Industry-leading Technical Support, Military applications, and one of the Top 20 Graco Distributor. Our Industrial line of products provides quick return coatings solutions to multiple industries demanding the highest quality & toughest physical properties. Address: Houston, TX. Website: www.Marvelcoatings.com

Master Painters Institute (MPI)

Booth 1269

Website: www.mpi.net

C S MATCOR

Booth 918

MATCOR, a division of BrandSafway, has been in business since 1975. MATCOR is a turnkey ISO 9001:2015 certified provider of customized cathodic protection and AC mitigation products and engineering and installation services that solve corrosion problems globally for major infrastructure assets such as oil, gas and water pipelines, above ground storage tanks, power plants and refineries. Address: Chalfont, PA. Website: www.matcor.com

C Mears Group, Inc.

Booth 1225

Mears - Respected, Qualified Provider of Corrosion Engineering, Construction, Integrity Services to Oil, Gas - Energy

Industries. 125 NACE Certified Engineers, Technicians, Skilled Workforce to address needs in Corrosion Control, Integrity Solutions. Mears provides NDT, Phased Array, Shear Wave Services for pipeline and pressure vessel inspections, Turn Key, Direct Assessment, ILI/DA digs, AC Mitigation, Material Identification, Hardness Testing, cathodic protection testing, design, installation, pipeline recoating and rehabilitation: 800 MEARSCP. Address: Rosebush, MI. Website: www.mears.net

MES – Nationwide Rentals & Supplies

Booth 1275

MES works with clients NATIONWIDE to provide THE RIGHT RENTALS, THE RIGHT SUPPLIES, THE RIGHT ABRASIVE, ALL RIGHT NOW ensure your job is completed on time, with zero down time. We maintain an active rental fleet of diesel and electric equipment including Steel Grit Recyclers, Blast Pots, Vacuums, Dust Collectors, Air Dryers, and more. Our warehouses also store all the supplies and abrasives your job would need. With strategic locations on the East Coast, West Coast, and within the Gulf, we are able to support needs in all major shipyards and industrial facilities when you need it. Address: Spanish Fort, AL. Website: www.mes.us

C S MESA/Bass Engineering

Booth 1347

MESA is the industry-leading corrosion control provider, prioritizing SAFETY, quality, and service. We ship materials with a 99% on-time rate, meaning you'll have what you need when you need it, whether it's an anode system (impressed & galvanic), test equipment, or specialty item. MESA also provides comprehensive field services designed to protect your asset, including integrity and inspection, system design, and complete system installation. Our innovative casing and AC mitigation programs will help solve your biggest challenges. Address: Tulsa, OK. Website: www.mesaproducts.com

C S Metal Samples

Booth 929

Metal Samples offers a complete line of corrosion monitoring products including mechanical and hydraulic high-pressure access systems, ER and LPR corrosion probes and instruments, corrosion test coupons, coupon holders, test racks, chemical injection systems, as well as specialized monitoring systems for erosion, hydrogen permeation, and biofilm formation. Metal Samples designs and manufactures custom monitoring solutions for challenging and unique applications, and we offer unmatched customer service in our industry. Address: Munford, AL. Website: www.metalsamples.com

Exhibitors

Metaltec Steel Abrasive Co.

Booth 1666

www.metaltecsteel.com

Metaspec Services LLC

Booth 1517

Metaspec manufactures corrosion test specimens and test substrates used in a wide variety of applications. These are used in quality assurance and R&D for coatings, adhesives, corrosion inhibitors, lubricants, coolants, etc. We make test specimens that conform to hundreds of ASTM, SAE, ISO, NACE/AMPP, and other test methods. We manufacture specimens from more than 300 different materials, including hard-to-find casting alloys, marine materials, composites, glass, stone, plastics and many others. Address: San Antonio, TX. Website: www.metaspec.com

MetriCorr Aps

Booth 724

State-of-the-art corrosion and cathodic protection remote monitoring services has been our expertise for over 20 years. Focusing on two major industries we offer a range of measurements that can be performed and delivered directly to your office, anywhere in the world. Onshore Pipelines : Pipe-to-soil potentials (ON/OFF), coupon measurements (connected/native), corrosion rate measurements by ER (connected/native), line-current measurements, coating condition, isolations, interrupted surveys, AC/DC interference analysis and more. Offshore Wind Power : Corrosion rate measurements by ER (connected/native), potential (on/off), coating impedance, resistivity sensors, anode current (shunt), temperature, pH, DO and more. Address: Roedovre, Denmar. Website: www.metricorr.com

Metrohm USA

Booth 836

From routine moisture analysis to sophisticated anion and cation quantification, Metrohm offers a complete line of analytical laboratory and process systems for titration, ion chromatography, electrochemistry and spectroscopy. Address: Riverview, FL. Website: www.metrohm.com

Microbial Insights, Inc.

Booth 1664

For three decades, Microbial Insights, Inc. has been a leading biotechnology laboratory, offering a wide range of cutting edge Molecular Microbiological Methods to describe and quantify microbial communities. Our genetic and biochemical analyses aid clients in assessing, understanding, and managing a variety of biological processes, including those associated with

microbiologically influenced corrosion (MIC), biocide evaluation, reservoir souring, and microbiologically enhanced oil recovery. Address: Knoxville, TN. Website: www.microbe.com

Midwest Rake (Seymour Midwest).

Booth 975

The Midwest Rake® brand is proud to be one of the “founding fathers” in manufacturing quality tools for those contractors who apply and finish protective industrial and marine floor and surface coatings and those concrete “artisans” who have changed the world of concrete forever with their decorative concrete talents. Address: Warsaw, IN. Website: www.SeymourMidwest.com

Minerals Research

Booth 1665

Minerals Research, Inc. is a leading manufacturer in the abrasive blast media, roofing materials, pavement, and specialty aggregates industries and has been for over 40 years. Our SHARPSHOT® products are industry leaders in quality, value and performance. Address: Tucson, AZ. Website: www.mineralsresearch.com

Mobiltex Data Ltd.

Booth 617

Over 30 years of cathodic protection system monitoring innovation, over 200 major organizations across North America and around the globe, and over one-hundred and fifty thousand miles of pipeline assets protected – MOBILTEX platform solutions are redefining the cathodic protection and pipeline integrity remote monitoring industry with our patented 5G cellular and satellite IIoT technologies and legendary field performance. MOBILTEX is widely recognized in the industry for innovation, reliability, and our world-class service and support. THIS IS MOBILTEX. WE'RE THERE. Address: Calgary, AB, Canada. Website: www.mobiltex.com

Modumetal Inc.

Booth 429

Modumetal generally describes a novel class of materials that are based on the concept of nano layering. Modumetal Inc. has developed materials with dramatic improvements in structural, corrosion and high temperature performance. Modumetal is a global nanotechnology company that has developed and commercially deployed a patented nanolamination process to combat the effects of corrosion. Our proprietary process creates layers of nanolaminated alloys which adhere to the surface of base materials in an environmentally sustainable manner. Modumetal's disruptive technology exceeds the performance limitations of conventional materials and are produced at an industrial scale.

Exhibitors

C Corporate Members

S Sponsor

C MontiPower Americas, Inc.

Booth 547

MontiPower Americas, Inc. will showcase the innovative Bristle Blaster technology with a variety of surface preparation tools designed to deliver superior results for the best possible coating bond. The Bristle Blaster, the only handheld power tool that both cleans and profiles steel surfaces, will remove corrosion, scale and coatings while creating a 2.7 to 3.3 mil surface profile. This technology has been extended to new revolutionary products that increase the speed, coverage and performance for non-blasting surface preparation. Address: Manassas, VA. Website: www.monti-tools.com

mPACT2WO

Booth 1411

mPACT2WO offers packages for corrosion monitoring & TML optimization, condition monitoring and air compliance monitoring. Packages encompass sensors, dashboards & analytics and work on mPACT2WO's software platform mSyte. mPACT2WO's packages enable customers to automatically monitor large-scale installations and to gain process insights. Address: Chicago, IL. Website: www.mpact2wo.com

Nalco Water

Booth 1538

A trusted partner at nearly three million customer locations, Ecolab (ECL) is the global leader in water, hygiene and infection prevention solutions and services that help protect people, planet, and business health. With annual sales of \$13 billion and more than 47,000 associates, Ecolab delivers comprehensive science-based solutions, data-driven insights, and world-class service to advance food safety, help maintain clean and safe environments, optimize water and energy use, and improve operational efficiencies and sustainability for customers in the food, healthcare, hospitality, and industrial markets in more than 170 countries. Nalco Water is Ecolab's water and process treatment business for industrial customers. Industry-leading water, refining and petrochemical expertise and service help solve the greatest technical challenges. Innovative solutions and 24/7 digital insights help optimize operations for improved performance, quality, efficiency, and reliability. Address: Sugarland, TX. Website: www.ecolab.com/nalco-water

National Equipment Corp. (NECO)

Booth 1332

Manufacturer of Hose couplings and accessories. Address: College Station, TX. Website: www.hosecoupling.com

National Trailer Service

Booth 1482

Write up about NTS- NTS has a highly qualified service department, with a knowledgeable staff, prepared to handle any repair or upgrade to your industrial abrasive equipment. NTS services recycling machines, dust collectors, blast-pots, industrial vacuums, platform trucks, trailers, and more. NTS is available for technical support/troubleshooting of all your equipment, via phone, at your facility or job site. Phone support is FREE! Facility/job site service is based on location/travel time. NTS also has all of your industrial Supply needs, Vacuum Hose, Blast Hose, Dust-Collector Hose, Airless Spray Pumps, Blast Hoods, Blast Lights, Come-Alongs, 3M Paint/Dust Filters & more! Address: Youngstown, OH. Website: www.nts-service.com

C NCP Coatings LLC

Booth 631

Supplying the global paint market, NCP Coatings LLC develops, manufactures and supplies technologically advanced primers, enamels, textured coatings, topcoats, reducers and marking paints. NCP employs more than 100 people at its primary 100,000-square-foot manufacturing facility. Incorporated in Niles, Michigan, in 1948, NCP serves OEM manufacturers of heavy truck/trailer, recreational marine/commercial shipbuilding, and off-road equipment. Other industries served include aerospace, military weaponry, ground force equipment and naval shipbuilding. NCP Coatings is a leader for its line of tree-marking and boundary coatings. Daily, NCP produces and ships nearly four thousand gallons of paint to customers worldwide. From any industry served by NCP, customers may visit to collaborate in design, forecasts and strategies integral to their future coatings and industry-wide technology needs. NCP works with U.S. Armed Forces with coating technologies and engineering expertise. These strong partnerships, with the individual and collaborative R&D laboratories in each branch, continue to develop next generation coatings. Address: Niles, MI. Website: www.ncpcoatings.com

C NDT Seals Inc.

Booth 1670

Website: www.ndtseals.com

C Nextec/Pretox

Booth 967

Website: www.pretox.com

C North American Survey Corporation

Booth 852

Website: www.nascorp.biz

Exhibitors

Northtown Company

Booth 246

Website: www.northtowncompany.com

Norton Corrosion

Booth 1404

Since 1959, NCL provides corrosion/CP engineering, materials, and installations. Our staff includes registered PE's & 4 CP Specialists. We work on: wharfs/piers, buried piping, ASTs, USTs, refineries, waste/water treatment plants, & concrete/rebar applications. We specialize in marine environment & PowerGen applications. NCL provides CP plans/specifications, evaluations, & annual surveys. Material provided range from galvanic systems to custom built ICCP sleds. NCL exclusively manufactures the Bayanode® probe anodes & Morganode® II Anodes. Address: Woodinville, WA. Website: www.nortoncorrosion.com

Novatek Corporation

Booth 535

Website: www.novatekco.com

NVI

Booth 1400

NVI, a privately held nationwide industrial solutions provider, has built a reputation for quality, responsiveness, and safety. We provide an array of solutions to industries across the United States and abroad, on land and offshore. Through our Mechanical Integrity group, we can support our clients' projects throughout their life cycle, this includes pre-construction quality control, new construction, regulatory guidance, risk based inspection, direct assessment, and repair. Address: Corporate Office: Gray, LA. Website: www.nvindt.com

OLI Systems, Inc.

Booth 833

OLI Systems delivers the most comprehensive process modeling solutions for electrolyte based industrial applications that enhance operational efficiency, environmental sustainability, and engineering productivity, while mitigating operational risk. Our solutions improve the effectiveness of process design and operations by accurately analyzing corrosion, mineral scaling, chemical stream and process flow behavior using extensive chemistry property databases, detailed thermodynamic models, proven software, deep industry expertise, and research innovation. Parsippany, NJ. Website: www.olisystems.com

OMC International, LLC

Booth 427

Provider of innovative cathodic protection products that remotely monitor and control SSRs/PCRs, rectifiers, test stations, critic bonds and home to a new state-of-the-art data management platform. Contact Phone: 770-209-0012. Address: Buford, GA. Website: <https://www.omcintl.com>

OmniMetrix LLC

Booth 1334

Provider of innovative cathodic protection products that remotely monitor and control SSRs/PCRs, rectifiers, test stations, critic bonds and home to a new state-of-the-art data management platform. Contact Phone: 770-209-0012. Address: Buford, GA. Website: www.omnimetrix.net

OneBridge Solutions, Inc.

Booth 1402

OneBridge Solutions Canada Inc., develops and markets revolutionary new SaaS solutions that use advanced Data Sciences and Machine Learning to analyze big data using predictive analytics to assist Oil & Gas pipeline operators to predict pipeline failures and thereby save lives. Address: Edmonton, AB, Canada. Website: www.onebridgesolutions.com

OneGarnet, Inc.

Booth 1469

OneGarnet (Almandine Garnet) and JadeBlast (Garnet Blend) with excellent hardness and density, angular edges, non-toxic and harmless, low salt contamination, ferrite free and low free silica. Abrasive blasting sizes range from Extra Coarse (20/40 mesh) to Regular (30/60 mesh). One Garnet, Inc. is the largest garnet supplier in the world today.

Onset HOB0 Data Loggers

Booth 711

Onset, the trusted manufacturer of HOB0 data loggers, offers field-proven, reliable, cloud-based monitoring solutions. With the award-winning HOB0net Remote Monitoring System, you get: continuous temperature, RH, and dew point monitoring throughout blasting & coating processes to ensure high-quality coatings, powerful wireless sensors that transmit data through walls, immediate notifications via text or email if conditions deviate outside the optimal range, remote access to data, and automatic data delivery. Plus, the HOB0net system meets UFGS-09 97 13.17 specifications. Stop by booth #711 to learn more and enter our raffle for a free data logger! And visit us on the web at www.onsetcomp.com. Address: Bourne, MA. Website: www.onsetcomp.com

Exhibitors

C Corporate Members

S Sponsor

Onyx Services

Booth 1760

ONYX Services is a leading engineering and pipeline construction company that works on projects coast-to-coast and border-to-border in the United States. Established a decade ago, ONYX Services has safely and successfully completed a full range of projects on both land and in/on water. From front end engineering and design, feasibility studies, construction, completion, and monitoring, ONYX Services is a partner that will keep your projects completed on time and on budget. We are here to protect your assets and have a proven track record to back it up. Address: New Caney, TX. Website: www.onyxservices.com

Opti-Blast Inc.

Booth 1500

For over 25 years, Opti-Blast has manufactured and delivered quality, high-performance plastic blast media to commercial and military customers around the world. We are proudly MIL-SPEC approved. To ensure consistent quality, we manufacture all of our plastic blast media, which is 100% made in the USA. Please visit our Booth #1153. We are specialists in plastic blast and other media and have extensive in-depth industry experience. We are always committed to ensuring you get the best product for your blasting needs! Address: Jacksonville, TX. Website: www.optiblast.com

Outokumpu

Booth 1074

Outokumpu is the global leader in stainless steel. Sustainability is at the heart of our business and we have the lowest carbon footprint in the industry. The foundation of our business is our ability to tailor stainless steel into any form and for almost any purpose. Stainless steel is sustainable, durable and designed to last forever. Our customers use it to create civilization's basic structures and its most famous landmarks as well as products for households and various industries. Address: Calvert, AL. Website: www.outokumpu.com

Ovolifts, LLC

Booth 971

Ovolifts provides safe access to multiple pipe contact areas in a live environment, enabling inspections and corrosion prevention maintenance on multiple pipe touchpoints whilst the pipes are in-service, averting costly plant shutdowns or extended turnarounds. We exclusively work with leading plant-maintenance contractors world-wide to deliver our solution to plant owners, empowering the maintenance contractor through training and on-going support and provision of the tools on a rental basis. Address: Houston, TX. Website: www.ovolifts.com

Owens Corning

Booth 1070

For long-term protection on process piping and equipment, FOAMGLAS® cellular glass insulation is a lightweight, rigid material with a 100% closed-cell structure. FOAMGLAS® insulation is moisture impermeable, non-absorbent, non-combustible, and has high compressive strength. The service temperature range is -450°F to +900°F (-268°C to +482°C). Address: Toledo, Ohio. Website: www.foamglas.com

P&L Metalcrafts, LLC

Booth 1488

Metal fabrication involving platform systems & metal component outriggers, containment systems, all hardware & rigging supplies, wire rope cable, ropes, stairs & railing systems. We ship across the USA. Address: Youngstown, OH. Website: www.metalcraftsyng.com

P.A. Inc.

Booth 1323

P.A. INC. is a piping material service center, which can provide your company with the most efficient and effective process for procuring the highest quality nickel, high nickel alloy specialty stainless steel, and titanium piping products in our industry. We maintain the most extensive and comprehensive stock of Nickel 200, Alloy 400, Alloy 600, Alloy 601, Alloy 625, Alloy 800H/HT, Alloy 825, Alloy 803, Alloy 20, Alloy C276, and Titanium Grade 2 and 7 piping materials in North America. We also keep a full-line inventory of specialty stainless steel piping material in grades 304H, 321H, 347H and 2205. Additionally, we maintain an inventory of complementary butt-weld fittings, including (180 return bends) flanges, forged fittings, and fractional tubing in these special alloy grades. In conjunction with the products we inventory, we have the capability to provide custom fabricated components to your exact specifications. P.A. INC. has a solid history of providing high-temperature and corrosion-resistant piping products to the specialty chemical industry. Address: Houston, TX. Website: www.painc.com

Pacific Sensor

Booth 1515

Pacific Sensor has been manufacturing corrosion testing equipment for over 20 years. We are ISO 9001 certified and ISO 17025 accredited. We offer a wide variety of corrosion coupons, rack assemblies, coupon holders, electrodes, and other consumable test specimens. Address: Carrollton, TX. Website: www.pacificsensor.com

Exhibitors

Parr Instrument Co.

Booth 854

For over one hundred years, Parr Instrument Company has been engaged exclusively in the design, manufacture and sale of laboratory instruments and apparatus for conducting chemical reactions and tests under heat and pressure. Parr's new High Pressure, High Temperature Rotating Cylinder Electrode (RCE) System and our high pressure, high temperature Rotating Cage Apparatus, were designed for the performance of corrosion studies as described in ASTM G170 at elevated pressure and temperature. Parr also offers a variety of pressure vessels, both standard and customized, for use with corrosion probes and for coupon testing - contact us today and... Let Us Build One for You! Address: Moline, IL. Website: www.parrinst.com/parr-corrosion-testing-apparatus/

Paul N. Gardner Co., Inc. (GARDCO)

Booth 530

Physical Test Equipment - Complete Solution for Protective Coatings Testing - Visit Booth 1116 for everything you need - Every Brand, Everyday Low Prices and Everything on One Website - Protective Coatings Field Kits, Paint Adhesion Test Kits, Coating Inspection Kits, Bresle Chloride Test Kits, Wet and Dry Film Thickness Gauges, Pull-Off Adhesion Testers, Moisture Meters, Durometers, IR Thermometers, calibration services and more. Address: Pompano Beach, FL Website: www.gardco.com

PCC Integrity

Booth 1623

Website: www.proteccioncatodica.com

PCC Metals

Booth 801

The PCC Metals Group aligns two market leaders in alloy research and development: Special Metals Corporation (SMC) and TIMET, Titanium Metals Corporation. SMC is a pioneer in nickel alloys and has invented and developed a large majority of the commercial nickel-based superalloys offered in the market today. TIMET was a founding member of the titanium industry and is the only fully integrated titanium producer in North America. Address: Pittsburgh, PA. Website: www.pccenergy.com

PCC Rollmet, Inc.

Booth 623

PCC Rollmet, Inc. is a manufacturer of large diameter seamless nickel alloy, stainless Steels, & duplex stainless steels in sizes 6" to 24" diameters and wall thicknesses from 0.134" to 0.750" (Can reach 1.50" wall in certain Nickel Alloys). Pipes are produced utilizing our cold rolled extrusion technology, offering higher mechanical properties, superior dimensional control, finer grain structure, and enhanced corrosion resistance for the most severe applications. We are ISO 9001, AS9100D, PED certified, and meet NACE Mro103 & 175 criteria. Address: Irvine, CA. Website: www.rollmetusa.com

PERMA PIPE Canada Ltd

Booth 537

Website: www.pipelinesc.net

Pipeline Integrity Resources

Booth 1658

Website: www.pipelineintegrityresources.com

Platt Brothers

Booth 964

Zinc, zinc alloy and other non-ferrous products used for the protection of pipelines, bridges, research facilities, military applications, thermal spray, fuse links, automotive, design, marine and construction. Address: Waterbury, CT. Website: www.plattbros.com

Polycorp, Ltd.

Booth 822

Polycorp Protective Linings specializes in the manufacture and design of engineered elastomeric products that mitigate the risk associated with corrosion and abrasion. With over 100 unique lining products, our solutions protect your primary assets such as holding tanks, process vessels, piping, mixing equipment, tank trucks, rail cars and associated equipment. We are insurance for your business. Innovation / Quality / Solutions / Technical Support. Address: Elora, ON, Canada. Website: www.poly-corp.com

Exhibitors

C Corporate Members

S Sponsor

C S Polyguard Products, Inc.

Booth 1311

Polyguard's Pipeline Division was the first coating manufacturer to highlight the cathodic shielding problem, and the first to develop a coating (RD-6) to address the shielding problem. We've been active in the Pipeline Protective Coating industry for nearly 70 years. In addition to standard types of Corrosion Coatings, this division has designed, manufactured, and introduced a number of innovative Underground Pipeline Coatings and Girth Weld Coatings, which have become commercially accepted as standards for the industry. Address: Houston, TX. Website: www.polyguard.com

C S Pond and Co.

Booth 1650

Full service Asset Integrity consultant providing Corrosion engineering, Coatings engineering, Pipeline & Mechanical Integrity and Pipeline Survey services. Address: Peachtree Corners, GA. Website: www.pondco.com

C PPG

Booth 923

With PPG's decades of experience and a commitment to innovation, our protective and marine coatings business has developed a complete range of proven coating solutions to protect assets in the world's most challenging conditions. Address: Pittsburgh, PA. Website: www.ppgpmc.com

S Precision Fluid Systems

Booth 1185

Website: www.prim.com

Proto Manufacturing

Booth 626

Website: www.protoxrd.com

PROTO TUBULARS LTD.

Booth 868

We are supplier of specialty alloy metal materials and fabricated parts for oil&gas, petro-chemicals, civil construction, machinery, automotive, aerospace, power generation and military. Address: Calgary AB Canada. Website: www.prototubulars.com

PSS Industrial Group - AirTech Spray Systems

Booth 1505

Website: pssigroup.com

C PureHM, a Xylem brand

Booth 1653

PureHM provides pipeline integrity solutions that help companies safely and reliably deliver crucial energy resources. Our best-in-class technologies provide operators with actionable information needed to identify problem areas, reduce unnecessary pipeline repairs, and prolong asset life. Address: Nisku, AB, Canada. Website: www.pureHM.net

Q-Lab Corporation

Booth 409

Q-Lab Corporation is a leading manufacturer of corrosion and weathering test chambers and provider of test services. The Q-FOG Cyclic Corrosion chamber is known worldwide for tests ranging from simple salt spray to complex cyclic tests with precise RH control. The QUV fluorescent UV chamber is the World's Most Widely Used Weathering Tester, and the Q-SUN xenon test chamber is the most versatile, easy-to-use, and cost-effective in the industry. Q-Lab's headquarters and all manufacturing are located in Westlake, Ohio, near Cleveland. We have sales and technical support centers in the UK, Germany, and China, and a distribution and support network that covers more than 80 countries. Our outdoor weathering sites in Florida and Arizona are global benchmarks for natural and accelerated outdoor testing, and we maintain two ISO 17025 accredited laboratories, one in Florida and one in Germany. Address: Westlake, OH. Website: www.Q-Lab.com

C QSA Global, Inc.

Booth 602

Website: www.qsa-global.com

Quamtex - WEG Coatings

Booth 413

Website: www.quamtex.com

Radiodetection, LLC

Booth 506

A global leader in the management of critical infrastructure and utilities, Radiodetection provides best-in-class equipment and solutions designed to prevent damage, manage assets, and protect lives. Founded in 1977, Radiodetection offers a range of Electromagnetic Locators, Ground Penetrating Radar, and Magnetic Locators, from a core group of brands, including Radiodetection, Schonstedt, and Sensors & Software. We deliver trusted and proven tools that keep the utility world running and allow customers to meet the demands of today's rapidly evolving utility environment. For the gas and oil industry, Radiodetection solutions can locate different pipeline

Exhibitors

materials, identify leaks, and measure and map the condition of metallic pipeline coatings. Radiodetection's mobile apps can also create detailed maps of the buried infrastructure. Stop by our booth #506 to learn more. Address: Kearneysville, WV. Website: www.radiodetection.com

Rainguard Brands, LLC

Booth 1370

Ramco Manufacturing

Booth 710

Flange Isolation Gaskets, Coated U-bolts, Flange Protectors, Spray Shield, Leak Detection Paint. Address: Houston, TX. Website: www.ramco-safetyshields.com

Raphoon, LLC

Booth 1504

Quality consulting and products to aid any pipeline company with improving the integrity of their network. Focused on pipeline coatings and protection methods. Raphoon, LLC is committed to the continual improvement of our pipeline protection mechanisms and the long term reliability of the world's energy infrastructure. We offer consulting in product selection, training on application, specification writing or analysis, inspection services, and composite repair evaluation and design. Address: Spring, TX. Weblink: www.raphoon.com

C Rapid Prep

Booth 1485

Rapid Prep is a full-service provider of surface preparation equipment. Our highly trained staff has a combined experience within the industrial painting industry of more than 100 years. Rapid Prep is fully committed to providing the highest quality equipment backed by 24-hour service from start up to demobilization. Address: North Kingstown, RI. Website: www.rapidprep.com

RBW Enterprises

Booth 1667

Website: www.rbwe.com

Rema Tip Top

Booth 700

We help our customers prevent, reduce or repair wear caused by abrasion, corrosion or impact. REMA TIP TOP's corrosion control team represents more than 40 years of service, providing expertise in corrosion control. REMA TIP TOP is the leading manufacturer of rubber adhesives, rubber linings, and high quality protective coatings and industrial rubber

products for wear and corrosion protection. REMA TIP TOP provides expert factory and field installation of rubber linings, tankage corrosion linings, coating systems (including secondary containment) and wear linings. Address: Northvale, NJ. Website: www.rematiptop.com

RJM Precision Instruments

Booth 508

Roberts Corrosion Services, LLC

Booth 1455

At Roberts Corrosion Services (RCS), we are driven to provide our customers with the highest level of quality products to meet their needs. Our combined experience and variety of NACE certifications allow us to adapt to the changing needs of our clients. Services from RCS include close interval surveys, design and installation of CP systems, coating inspection, maintenance, technical support, and laboratory services. RCS also develops corrosion control programs, procedures, and mitigation plans. Address: Ellenboro, WV. Website: www.rcswv.com

RockArmour

Booth 610

When it comes to protecting midstream and transmission pipelines, you need a versatile installation solution as much as you need long-term impact and puncture resistance for your rockshielding challenges. RockArmour™ is an easy-to-install, polyethylene wrap that offers an efficient and cost-effective pipeline protection solution for a wide range of applications. Extend the life of your pipes, with RockArmor™ rockshielding, engineered by Solmax. Address: Houston, TX. Website: www.therockarmour.com

S RockGuard® by Industrial Fabrics, Inc.

Booth 1523

Industrial Fabrics, the manufacturer of RockGuard® HD, is a leading product in the pipeline corrosion prevention industry. With years of performance history, oil & gas operators prefer RockGuard® HD due to its lightweight design and excellent impact in compressive strength ability. Address: Baton Rouge, LA. Website: www.rockguard.biz

Rockin L Roof Coatings

Booth 1722

Rockin L Roof Coatings is a locally owned and operated company, specializing in low slope commercial roofing, we proudly use the Conklin Roofing Systems, American Owned and Manufactured. Website: www.rockinlroofcoatings.com

Exhibitors

C Corporate Members

S Sponsor

ROCKWOOL Technical Insulation

Booth 1458

ROCKWOOL Technical Insulation is part of the ROCKWOOL Group and is offering advanced technical insulation solutions for the process industry as well as marine & offshore. Address: Houston, TX. Website: www.rti.rockwool.com

Rohner Finishing Systems

Booth 704

Website: www.rohnerspraybooths.com

Rust-Oleum

Booth 1273

Rust-Oleum was founded on the principle of creating innovative products. And, after 100 years, we're just getting started! In 1921, sea captain Robert Fergusson noticed that fish oil prevented rust from forming on his ship's metal deck. Working with a chemist, Fergusson developed one of the world's first rust-preventive paints and Rust-Oleum was born. Starting with just 24 colors of paint, Rust-Oleum has grown to be a global leader in manufacturing innovative coatings that empower professionals and do-it-yourselfers alike. We strive to honor the same innovative spirit that started Rust-Oleum a century ago in all our categories, including industrial, high-performance coatings, small project paints, cleaners, primers, automotive, wood care, and more. Our wide breadth of brands and products include such trusted names as Seal-Krete High Performance, Concrete Saver, Rust-Oleum, Stops Rust®, Painter's Touch®, Universal®, EpoxyShield®, Varathane®, Zinsser®, Watco®, MultiSpec®, X-I-M®, Krud Kutter®, RockSolid®, Wipe New®, Testors®, Seal-Krete®, Modern Masters®, Moldex®, Whink®, Miracle Sealants®, Roto-Rooter®, Mean Green®, Concrobium®, and Gator® Finishing Products. Address: Vernon Hills, IL. Website: rustoleum.com

Rysco International

Booth 862

Rysco International is responsible for the international distribution of Rysco Corrosion and Rysco Integrity's equipment and services and 2022 saw the addition of our first overseas office with the creation of Rysco Corrosion UK Ltd, based in Aberdeen Scotland. Established in 2007, Rysco Corrosion Canada set out with a mission to provide the best corrosion measurement and monitoring services available to the marketplace, so that our clients can make informed decisions related to their infrastructure assets, in the interests of public safety and the environment. We consider our mission to be an honest commitment to all stakeholders. Contact us today and we will do our very best to help you with any of your corrosion management needs. Address: Red Deer, Alberta Canada. Website: www.ryscointernational.com

C RZG Garnet, Inc.

Booth 1469

RZG Garnet Inc. produces world class hard rock garnet abrasives under strict quality control to meet even the most stringent industry requirements. RZG Garnet (Almandine Garnet) and RZG JadeCut (Garnet Blend) with excellent hardness and density, angular edges, non-toxic and harmless, low salt contamination, ferrite free and low free silica. Abrasive blasting sizes range from Extra Coarse (20/40 mesh) to Regular (30/60 mesh). Total reserves in excess of 300 million tonnes and production over 50,000 tonnes per month, RZG Garnet, Inc. is the largest garnet supplier in the world today. Sugar Land, TX. Website: www.RZGgarnet.com

SafeRack

Booth 1659

SafeRack is the recognized industry leader in truck and railcar loading platform systems, maintenance work platforms, rolling platforms, and related safety and fall protection products. Our team has decades of experience working with companies that load bulk chemicals into tank trucks and railcars. SafeRack systems boost productivity by providing employees with increased safety and better ergonomics while truck loading or railcar loading. We deliver much more than a product made of steel and aluminum. We deliver increased ROI in the form of world-class customer service, advanced technology, quality designs, and years of experience. We coordinate with operations, safety, and local engineering to provide a complete solution at bulk chemical loading stations. SafeRack is committed to customer service. We listen, we ask the right questions, we're onsite throughout the process and we always deliver more than an email, phone call, or quote. Address: Andrews, South Carolina. Website: www.saferack.com

Safetrack Baavhammar AB

Booth 865

SAFETRACK is the leading manufacturer of cable bonding systems such as PinBrazing and SafeBond®. We supply cable bonding systems in more than 85 countries worldwide. Systems that offer the user safe, fast and cost-effective solutions for connecting cables in cathodic protection installations in all climates. Address: Staffanstorp, Sweden. Website: www.safetrack.se

Salem-Republic Rubber Co

Booth 1668

For over 50 years, Salem-Republic Rubber Company has serviced OEM, replacement, and specialty markets by manufacturing custom engineered industrial hose, calendared products, and tank lining materials for a wide range of industries. Address: Sebring, OH. Website: www.salem-republic.com

Exhibitors

Sandblast Solutions, Inc.

Booth 628

Sandblast Solutions (SSI) provides and services all types of industrial sandblasting and painting equipment for sale & rent. This includes but is not limited to: Steel Grit Recyclers, Dust Collectors, Industrial Vacuums, Blast Pots, Air Cooler/Drying Systems, Spray Pumps/Plurals and Decontamination Trailers. SSI has teamed up with the best suppliers in the industry to provide our customers a one-stop shop for all their blasting and painting needs. SSI is headquartered in central New Jersey and providing services throughout the entire United States. Address: Millstone, New Jersey. Website: www.sandblastinc.com

Sauereisen

Booth 1364

Sauereisen, Inc. is a 123 year old industry leading manufacturer. We provide worldwide distribution of materials for the prevention and restoration of corrosion. Our product line includes sealants, corrosion barriers and substrate repair materials for use in the Wastewater, Chemical Processing, Power, Pulp & Paper, Mining and Food & Beverage industries. Address: Pittsburgh, PA. Website: www.sauereisen.com

SCC Wax Wrap

Booth 1367

Website: www.vcpsales.com

SciAps

Booth 605

Website: www.sciaps.com

Seal for Life Industries

Booth 939

For more than 60 years Seal for Life has been providing vital protection to infrastructure around the globe, with innovative coating technologies. Today we operate in more than 80 countries, hold over 200 patents, and have a workforce of over 800 people dedicated to our products and customers. Seal For Life is made up of fourteen distinct brands offering products from self-healing coatings to heat-shrink sleeves, anti-corrosion tapes to liquid coatings, cathodic protection to intumescent coatings, polymer floorings to pipeline logistic solutions, thermal and sound insulation; all servicing multiple customers across the globe. We work in a variety of industries including renewable energy, infrastructure protection, water and desalination, energy infrastructure, commodity pipelines, district heating/cooling, safety and integrity and offshore and marine. We offer the most diversified coatings solution in the market, supporting our vision to be the leading global provider of protective coating

and sealing solutions for infrastructure markets. Address: Houston, TX. Website: www.sealforlife.com

Sensometer Solutions

Booth 1083

Sensometer is a division of Milwaukee Electronics that manufactures cathodic protection remote monitoring devices that feature a no subscription model. We have been in business since 1954, manufacturing quality products. We invite you to let us show you how we can eliminate your annual subscriptions and make monitoring easy! Address: Milwaukee, WI. Website: www.milwaukeeelectronics.com

Sensor Networks, Inc.

Booth 1551

Sensor Networks Inc. (SNI) is a technology company which designs & manufactures wireless ultrasonic (UT) sensors. These sensors are attached to assets to monitor and provide corrosion/erosion rates. SNI is also an industry leader in designing & manufacturing ultrasonic transducers for conventional or high-end phased array applications as well as remote visual inspection cameras and retrieval tooling. Address: State College, PA. Website: www.sensornetworksinc.com

Sensorlink

Booth 1183

Sensorlink is a world-wide supplier of non-intrusive wall thickness monitoring systems for onshore, offshore and subsea pipelines and pressure systems. The wall thickness monitoring systems are typically used for monitoring of internal corrosion or erosion in pipelines. The corrosion monitoring systems from Sensorlink are all based on the well-known ultrasonic technology and have an accuracy of +/- 2,5 micrometer and are approved for water depths of 3000 meters for subsea use and Ex and non-Ex areas topside. Address: Trondheim, Norway. Website: www.sensorlink.no

Sentry Equipment

Booth 1327

With proven sampling expertise since 1924, Sentry products and services provide business operations the critical insights to optimize process control and product quality. We deliver true representative sampling and analysis techniques to customers around the globe, empowering them to accurately monitor and measure processes for improved production efficiency, output and safety. Standing behind our commitments, we are determined to tackle any application, anywhere. Address: Oconomowoc, WI. Website: www.sentry-equip.com

Exhibitors

C Corporate Members

S Sponsor

C Sherwin-Williams Company/The

Booth 1129

A complete line of products. Market expertise. On-time distribution. What else would you expect from a world leader in protective coatings and linings? That's where nearly 150 years of coatings experience comes in. Add to that a dedicated distribution network that delivers on time, every time. Sherwin-Williams. Leave nothing to chance. Address: Cleveland, OH. Website: www.sherwin-williams.com/protective

C Ship2Shore (S2S)

Booth 1583

Website: www.ship-2-shore.com

Sigma Fasteners

Booth 512

Sigma Fasteners is the global leader in API 20E/F engineered products with a multigenerational legacy servicing Fortune 500 original equipment manufacturers and energy producers. We consistently stay ahead of marketplace AVLs and AMLs with innovative processes in materials, in-house manufacturing facilities and critical service plating/coatings, customer-related accreditations & certifications, and performance KPIs with complete transparency to our global partners. Address: Houston, TX. Website: www.sigmafasteners.com.

Sika Corporation (Tuff-N-Nuff)

Booth 336

Tuff-N-Nuff® has been the #1 and "go to" rockshield for owners and contractors constructing new oil & gas pipelines for nearly 30 years. This field installed rockshield is unmatched in impact resistance and within its product class in protecting pipeline coatings from rocky or harsh backfill during construction. Be sure to stop by our booth to learn more about our newly released Tuff-N-Nuff® with Rapid-Edge technology, which is a self-fastening rockshield product, designed with a hook-and-loop closure for quicker and less costly installation. Contact the Sika Team: St. Louis, MO. Phone: 800-325-3605, Website: www.tuff-n-nuff.com

SLB

Booth 1747

SLB (NYSE: SLB) is a global technology company that drives energy innovation for a balanced planet. With a global footprint in more than 100 countries and employees representing almost twice as many nationalities, we work each day on innovating oil and gas, delivering digital at scale, decarbonizing industries, and developing and scaling new energy systems that accelerate the energy transition. Address: Houston, TX. Website: www.slb.com

S Solugen

Booth 312

S Southwestern Paint Panels

Booth 1461

Southwestern Paint Panels (SWPP) manufactures a wide array of test panels for the paint and corrosion control industry. Our panels are custom-fabricated to your specifications. SWPP can meet customer requirements for unique shapes and welded designs. Mil Profiles range from sweep blasted to 3-45.5 mil profiles. We manufacture our test panels with a strong emphasis on quality, reliability and consistency. SWPP is a global supplier maintaining a large inventory of raw materials ready to meet your unique production requirements. Address: Houston, TX. Website: www.swpaintpanels.com

Sparc Technologies Ltd

Booth 1318

Sparc Technologies Limited (ASX: SPN) is an Australian company pioneering new technologies to disrupt and transform industry while seeking to deliver a more sustainable world. Sparc Technologies has established offices in Europe and North America. Graphene, a major focus for Sparc Technologies, is a 2-dimensional material made of carbon atoms arranged in a hexagonal lattice which creates unique and powerful properties that can be imparted on products to improve performance. Sparc Technologies is commercialising graphene in a number of applications including Graphene Based Additives for the Marine & Protective Coatings market along with applications in the renewable energy and construction materials sectors. Sparc Technologies, via its majority interest in Sparc Hydrogen, is also focussed on developing photocatalytic green hydrogen technology that does not require solar and/or wind farms, nor electrolyzers as with conventional green hydrogen processes. Address: Adelaide, SA, Australia. Website: <https://sparctechnologies.com.au>

Speir Hunter Limited

Booth 1656

Speir Hunter is a leading developer and provider of the emerging inspection technology known as Stress Concentration Tomography which is now being widely deployed in Europe, Central Asia and Africa and is specifically referenced in the pipeline integrity standard ISO22974 which is under construction and will be shortly published. The inspection process is non-invasive, remote, does not require any input of energy into the pipeline nor any change in operating parameters. The condition of buried pipelines are assessed, 3D maps along the pipeline route are generated and % bending strain in geohazardous regions is reported. A derivative of the technology has been engineered to detect Corrosion Under Insulation in plant pipework in real time without removing the

Exhibitors

coating. Known as Focussed Stress Concentration Tomography, onsite trials are underway to establish its capabilities and limitations and full commercialisation is expected in the third quarter of 2023. Address: Long Bennington, Newark, UK. Website: www.speirhunter.com

C Spider by BrandSafway

Booth 1229

Website: www.spiderstaging.com

C Sponge-Jet, Inc.

Booth 1305

Extend the life of industrial coatings by replacing power tool and/or wet surface preparation methods with high-quality, environmental surface preparation. Sponge Media™ abrasive blasting is a dry, low dust, low rebound, recyclable process used in General Manufacturing, Water and Wastewater, Oil and Gas, Marine, Power Generating and Restoration industries – and many others. Sponge-Jet manufactures composite abrasives by bonding conventional abrasives with sponge and manufactures high-production, Sponge-Media blasting and recovery systems. Address: Newington, NH. Website: www.spongejet.com

C SPY Inspection Equipment

Booth 1604

Website: www.spyinspect.com

C Stress Engineering Services

Booth 753

Since 1972, Stress Engineering Services has been a global leader in consulting engineering services and solutions for a variety of industries. Our commitment is to provide the most comprehensive design, analysis, and testing services with an unsurpassed level of engineering integrity and skill. We specialize in customized corrosion testing in our state-of-the-art corrosion laboratories where we conduct standardized corrosion tests, but our main focus is in duplicating the situations that our customers face in real life. To learn more, visit us at www.stress.com. Address: Houston, TX. Website: www.stress.com

Stuart Steel Protection Corp.

Booth 818

Stuart Steel Protection, founded in 1952, provides corrosion control materials and services to the oil, gas, water, power, and marine industries. In addition to exhibiting the most current innovations in cathodic protection products, the company representatives will also be featuring Dairyland's UltraBox. Addresses: S. Bound Brook, NJ & Hiram, GA. Website: www.stuartsteel.com

Sumitomo Corporation of Americas

Booth 308

Sumitomo Corporation of Americas' (SCOA) Chemicals department provides a diversified portfolio of products critical to the operation of various industries, such as Coating Materials, Specialty Chemicals, Inorganic Chemicals, Plastics and Organic Chemicals. Through its North American network with 14 locations in the U.S., Canada and Mexico, SCOA provides worldwide and domestic trade to its partners and customers, including raw materials purchase and distribution, commercial development of specialty products for new markets, supply chain management, and licensing arrangements for new technology and/or chemical compounds. Address: New York, NY. Website: www.Scoachemicals.com

SumoQuote

Booth 304

Website: www.sumoquote.com

C Superior Products International (SPI)

Booth 652

Superior Products International ("SPI Coatings") Booth 1451 is a developer and manufacturer of specialized insulation and corrosion protection coatings. Corrosion protection coatings are designed to be applied directly over existing, firmly bonded paint or rust without sandblasting and without any loss of performance. The two ceramic insulation coatings have been designed to block different forms of heat transfer. One coating can block heat load from solar radiation and a different coating can block conductive heat transfer on hot surfaces up to 1200°F while protecting from CUI. Address: Shawnee, KS. Website: www.spicoatings.com

Surface Prep Supply

Booth 1605

Website: www.prepsupply.com

Surviv Field Services

Booth 453

Website: www.goaptus.com

Exhibitors

C Corporate Members

S Sponsor

S Swain Meter Company/The

Booth 653

The Swain Meter Co. specializes in direct current (DC) amp clamp meters. Our meters measure current from 5mA to 200 A. This meter shows direction and magnitude of DC. Our sensors are custom built to our customers' requirements regarding size. Sizes range from 2" to 100 inch. Applications include offshore anodes and pipeline current to 2000 meters in depth, direct bury applications, current short troubleshooting, and soft dig applications. See our new products Aqua MER and the Sea Clip on our Website. Address: Farwell, MI. Website: www.swainmeter.com

Sypris Technologies - Tube Turns

Booth 657

With manufacturing roots stretching back over 90 years, Sypris Technologies; Tube Turns Products located in Louisville Kentucky is the leader in the design and manufacture of Quick Opening Closures, Monolithic Insulating Joints and various other pipeline products. Website: www.tubeturns.com

Tarps Manufacturing

Booth 706

Website: www.tarpsmfg.com

Technical Toolboxes

Booth 723

Technical Toolboxes is a leading software and technical training provider supporting pipeline engineering needs. Technical Toolboxes' fit-for purpose pipeline engineering software platform will help you reduce risk, lower total cost of operations, and accelerate project schedules. Hundreds of companies rely on our certified, industry-standard technology to enhance their pipeline engineering performance. Address: Houston, TX. Website: www.technicaltoolboxes.com

Teknos

Booth 522

Teknos is a global coatings company offering a wide range of paints and coatings for the manufacturing industry, energy sectors (including Oil and Gas), building professionals, and infrastructure. With operations in more than 20 countries in Europe, Asia, and the Americas, we are on our mission to make the world last longer by providing smart, sustainable coating solutions to protect and prolong. Address: Charlotte, NC. Website: www.teknos.com

Temp-Coat Brand Products

Booth 1368

TESI Group, LLC

Booth 769

Website: www.tesigroup.com

Texan Minerals and Chemicals LLC

Booth 1371

Texan Stone LLC is a Houston-based import-export company specializing in international wholesale supply chain. We import more than 30 million pounds of abrasive products per year, making us the fastest growing garnet and staurolite wholesaler in the nation. The products have necessary industry certifications. We deliver premium quality abrasives for surface preparation industry to all US ports and provide efficient interstate and intrastate logistics and storage solutions for customers. TSLLC has field offices and operations in India, Ukraine, China, and Middle East. Address: Sugar Land, TX. Website: www.texanstone.com

Texas Compression, LLC

Booth 662

Texas Compression, LLC is a mechanical and industrial services contractor with more than 40 years' experience. Our mission is to safely deliver the highest level of service and premium products maximizing the uptime of critical process equipment. We specialize in situations where safety, quality and reliability are a priority. Address: Houston, TX. Website: www.texascompression.com

THE PHASED ARRAY COMPANY, LLC)

Booth 1506

With 25 years of experience and a team of engineers, scientists, and software developers, TPAC can guide your Ultrasonic Testing project from start to finish. Whether you need help selecting the appropriate technique, designing a probe, developing custom software, or anything in between, we have the expertise to streamline your R&D process and get you inspecting as quickly and economically as possible. • Real-Time Field Ready Adaptive TFM • TFM & Phased Array Software • Technique Development • Custom NDT Solutions
Address: 9365 ALLEN ROAD, WEST CHESTER, OHIO 45069.
Website: www.TPAC-NDT.com

The Wooster Brush Company

Booth 977

Exhibitors

C S Tinker & Rasor

Booth 1159

Tinker & Rasor, the worldwide leader in corrosion mitigation instrumentation, has manufactured electronic test equipment for the corrosion industry since 1948. Products include Holiday Detectors, Pipe & Cable Locators, Cathodic Protection Instruments, Cathodic Protection Test Stations and Line Markers Address: New Braunfels, TX. Website: www.tinker-rasor.com

Tnemec Company, Inc.

Booth 1639

Tnemec Company Inc., Protective coatings manufacturer since 1921, Tnemec Company, Inc. offers innovative industrial coatings and linings built for aesthetic reliability and long-term corrosion protection. Tnemec provides coatings to a wide variety of projects across the world with products of every type, from 100 percent solids epoxies to waterborne acrylic polyurethanes, and innovative new products, like Tnemec's thermal insulating coating, Aerolon. Address: Kansas City, MO. Website: www.tnemec.com

Trenton Corp.

Booths 1135 & 262

Since 1949, Trenton has pioneered the development of wax-based anticorrosion products including Wax-Tape® brand anticorrosion wrap systems, with primers, wraps and outerwraps for added mechanical protection. The Wax-Tape® brand anticorrosion wrap system includes Wax-Tape #1 anticorrosion wrap that remains flexible, excelling in underground applications, Wax-Tape #2 anticorrosion wrap firms up, providing added mechanical protection aboveground, while Wax-Tape HT-3000 provides protection for operating temperatures up to 230 °F (110 °C). Address: Ann Arbor, MI. Website: www.trentoncorp.com

Tricor Metals

Booth 1806

Tricor Metals is a woman-owned, small business serving the world's titanium needs from our facilities in OH, TX, MI, and CA. We stock millions of LBS of TITANIUM mill products for corrosion, aerospace and medical. We supply custom TITANIUM forgings. We fabricate cost-effective corrosion solutions through design and engineering, building ASME code-quality process equipment from corrosion resistant alloys. Our weld repair teams are mobilized globally. We supply Astrolite® welding wire for aerospace and land-based turbines. Address: Wooster, OH. Website: www.tricormetals.com

TRISENSE

Booth 1853

Trisense offers wireless IIoT sensors for prediction of CUI. The use of temperature and moisture sensors in process systems to monitor water or humidity in the insulation will help asset owners to make better decisions regarding Corrosion Under Insulation. Trisense uses mobile networks for safe and efficient communication, and no separate infrastructure is needed in plant areas. All sensors are low-power devices with an expected lifetime of 15 years. Address: Bergen, Norway. Website: <http://trisense.no>

C TruAbrasives by Strategic Materials

Booth 634

TruAbrasives is the industry leading crushed glass abrasive, superior to other abrasives in a variety of applications for benefits in quality, performance and worker health. TruAbrasives are manufactured by North America's largest glass recycler, Strategic Materials, Inc. (SMI), who have been recycling glass since 1896. Address: Houston, TX. Website: www.truabrasives.com

C TruQC, LLC

Booth 1401

TruQC is a software solution that simplifies data collection with a digital alternative to pen and paper, letting your people do their jobs better and empowering you to meet your compliance goals. Serving the industrial coatings industry for over a decade, TruQC clients have seen 390% ROI in the first year alone from efficiency gains across field labor, administrative tasks and supplies, approval processes, and audit prep time. Address: St. Louis, MO. Website: www.TruQC.com

Features built for industrial painters, by industrial painters:

- Cloud-based application for seamless communication between devices, employees, and across jobsites
- Real-time syncing for a clear view of operations at all times
- Unlimited document storage for up-to-date SDS, PDS, blueprints & more
- Device integrations to directly import data
- Permission-based app means a simple interface tailored for your job duties
- Barcode scanning for easy and accurate paint specs every time
- Certification tracking lets you always know who is eligible for specialized projects

Exhibitors

C Corporate Members

S Sponsor

Tuboscope | NOV

Booth 346

From proprietary Tube-Kote™ Coatings to composite solutions, NOV provides unmatched corrosion resistant products to the global oil and gas, geothermal, chemical, marine offshore, fuel handling and mining industries.

TK™ Coatings set the industry standard for corrosion and wear prevention, deposit mitigation and improved hydraulics for all your OCTG, line pipe and accessory needs. Additionally, our TK-Liner system delivers exceptional corrosion protection and enhanced insulation properties for tubulars. With manufacturing facilities across four continents, Fiber Glass Systems provides composite piping systems, fittings, and structures that exceed expectations in weight savings and corrosion resistance. Address: Houston, TX. Website: www.nov.com

TWRS The Warehouse Rentals & Supply

Booth 1377

TXAM Pumps is a privately held chemical injection pump manufacturer located in Houston, Texas. We have been an innovator in designing and manufacturing DC, AC, and pneumatic chemical pumps since 1986. TXAM Pumps designs, manufactures and sells chemical injection pumps for a wide range of applications in the Oil and Gas industry. Founded in 1986, TXAM gained recognition for its simple, but effective solar chemical injection solutions. Based in Houston, TX, we operate 18 locations spread across every major oil play in the United States. With an emphasis on one-on-one customer service, we provide a full line of pumps, pump systems, injection accessories and fittings as well as installation and repair services. Service, reliability, and availability separate TXAM Pumps from the rest. Today, TXAM Pumps has evolved to meet the demand for large multipoint injection systems from simple 4 point up to 16 point injection systems, fully automated, in AC or Solar configurations. TXAM Pumps provides a range of remote monitoring and automation products so you can manage your critical chemical applications without worry. You can see inventory levels, daily usage and receive custom alerts. Address: Houston, TX. Website: www.txampumps.com

TXAM Pumps

Booth 864

Website: www.txampumps.com

University of Dayton Research Institute

Booth 1822

At the University of Dayton Research Institute, we combine (un) common sense with creativity to deliver innovative, practical science and engineering solutions. On budget. On time. UDRI is a national leader in scientific and engineering research, serving

government, industry and nonprofit customers. Our professional engineers and scientists conduct research and provide support in a wide variety of technical areas, ensuring customer success by delivering affordable and innovative solutions, leading edge technologies and outstanding service. Our accomplishments are marked by integrity, respect for others, and commitment to the individual growth of our employees. Our major research areas include materials, energy and the environment, aer propulsion, structures, mechanical systems, sensors and human factors. UDRI is ranked first in the nation among all colleges and universities for sponsored materials research, according to the National Science Foundation. In Ohio, UDRI is number one among colleges and universities receiving contracts and grants from the Department of Defense. Address: Dayton, Ohio. Website: <https://udayton.edu/udri/>

Van Air Systems

Booth 635

Van Air Systems designs and manufactures compressed air dryers and desiccants for dehydration of compressed air and natural gas. Van Air Systems' compressed air dryers include single tower deliquescent dryers, portable drying packages, regenerative compressed air dryers, and natural gas dryers. They also have a complete line of compressed air filters and drains and other compressed air treatment accessories. Van Air Systems helps deliver the world's finest solutions for cool, clean, and dry compressed air and gas. Address: Lake City, PA. Website: www.vanairsystems.com

Vecor Pipeline Integrity, Inc.

Booth 611

Website: www.vecor-pi.com

Viking Engineering

Booth 1635

Viking Engineering is a team of highly trained and experienced petroleum professionals. Each Viking Principal has over 30 years of hands-on and management experience. This experience covers all phases of petroleum engineering and many technological applications. Our clients include energy companies, independent operators, legal firms and manufacturing companies. We are a close-knit company. This enables us to respond quickly to the needs of our Clients and also allows us to transfer learning's and skills rapidly through our project group. We, in-turn, invest in our employees to a greater level than many other businesses do. This approach positions Viking Engineering of not only critical well engineering but also as a supplier of systems engineering expertise, taking into account the broader consequences of implementing specific technical solutions that may not be apparent to individuals with niche technical skills. Address: Houston, TX. Website: www.gate.energy/viking-engineering

Exhibitors

Vivax-Metrotech Corp.

Booth 722

Vivax-Metrotech Corporation, headquartered in Santa Clara, California, has been a worldwide leader in locating technology for more than four decades. Vivax-Metrotech manufactures high-end solutions for locating buried utilities, video pipe inspection, cable fault detection and holiday detection. Our nationwide distributor sales network offers local support and on-site training. Our specialty products include the vLoc3-DM Defect Mapper to locate pipelines precisely and assist in evaluating pipe coating defects. The system can be used on transmission or distribution systems, and a complete ACVG survey can be undertaken using the vLoc3-DM and plug-in A-frame. Data can be graphed in real-time on the receiver while still on site. All field data is sent to the cloud and retained in the receiver's onboard storage for review and exporting to mapping programs. Address: Santa Clara, CA +1 (800) 446-3392 salesUSA@vxmt.com. Website: www.vxmt.com

Warren Environmental

Booth 231

Warren Environmental is a manufacturer of proprietary epoxy blends and patented application technologies. Since 1996, we have protected or rehabilitated municipal and private client's infrastructure throughout the United States. We have quickly become the industry's trusted epoxy manufacturer due to our concentration on quality and safety for the environment, workers, and the communities we serve. Address: Middleborough, MA. Website: www.warrenenviro.com

Wasser Coatings

Booth 825

Website: www.wassercoatings.com

WBI Energy Corrosion Services

Booth 1838

WBI Energy Corrosion Services is a Billings Montana based, full-service corrosion control company specializing in CP Engineering, Construction, Survey, Materials & Inspection. While headquartered out of Montana, crews work in most states west of the Mississippi. With just under 50 employees, we have a combined 335 years of experience and 20 NACE certified individuals. Address: Billings, MT. Website: www.wbienergy.com/wbienergy/corrosion-services

Western Falcon

Booth 1511

Western Falcon offers a proven solution to corrosion and rod on tubing well failures in environments with very high side loads, gas, temperatures up to 500 F. Our thermoplastic liners have

effectively reduced operating expenses by offering a lower cost solution vs high workover history. Address: Humble, TX. Website: www.westernfalcon.com

Western Technology

Booth 1501

Website: westerntechnologylights.com

Wilson Analytical Services Inc.

Booth 867

Wilson Analytical is an innovative custom manufacturing company specializing in analytical instrumentation. Featuring rugged, high-quality construction and optically stabilized LED light sources, our versatile line of spectrometers is portable and flexible enough to meet a variety of scientific and industrial needs. Quaternary alkyl pyridinium (APQ) salts used in corrosion inhibitors will excite in the UV and emit in the visible range. Wilson's instrumentation can be used to identify the presence and concentration of these intrinsically fluorescent corrosion inhibitors with a 1 ppm detection limit. Corrosion inhibitor residual determinations by fluorescence provide the high accuracy of HPLC testing and better reproducibility than the traditional chloroform extraction method. The only sample preparation is filtration and dilution. Measurements can be performed in the field or lab using the Wilson LabBox. Samples can also be studied using the versatile Open Platform System using absorbance, fluorescence, or reflectance measurements on liquids, slurries, or solids. Address: St. Albert, Alberta, Canada. Website: www.wilsonanalytical.com

Winoa USA

Booth 1378

WINOA, PREPARING TOMORROW'S SURFACES With 11 plants around the world and being a global leader in abrasive products, we aspire to become the Leading Solution Provider of Innovative Surface Treatment Products, Services and Technologies. Winoa offers a full range of abrasive products. All the products manufactured by the group are green alternatives to expendable abrasives, composed of more than 95% recycled materials and are all 100% recyclable. In addition to being safe for your workers and respectful of the environment, we have the advantage of offering performance and cost competitive options, to increase productivity, minimize surface contamination to secure long-term coatings, as well as a reduction in consumption, either compared to other manufacturers of metallic shot or expendable abrasives. Address: Melvindale, MI. Website: winoagroup.com

WIWA LLC

Booth 1422

Website: www.wiwausa.com

Exhibitors

C Corporate Members

S Sponsor

Wolverine Coatings Corporation

Booth 966

Wolverine Coatings Corporation is a formulator and manufacturer of technologically advanced Polymer Flooring, Tank Linings, Pipe Linings, Secondary Containment Linings, Adhesives, Specialty Coatings, Resins for Composites, and Dispersions. But we are so much more than that. We bring unique resin technologies and innovative techniques to resolve worries in industrial environments. Whether it be an off the shelf product or a custom design formulation, we offer solutions! Wolverine Coatings Corporation offers toll manufacturing services. We're furnished with the necessary equipment and personnel to manufacture your products fast and can produce and package it any way you want. We also offer private label services, where we formulate a product, provide materials, equipment, and know-how to produce materials from raw to labelled packages. A high-quality product ships from our dock with your label on it. Our packaging ranges from 4oz. jars all the way to totes or more, depending on your needs." Address: Roebuck, S.C. Website: www.wolverinecoatings.com

WrapMaster, Inc.

Booth 1426

Zerust Oil & Gas

Booth 826

Zerust Oil & Gas, a Northern Technologies International Corporation (NTIC) division, is the world's leading supplier of VCI-based solutions for the Oil & Gas Industry. Based in Circle Pines, MN, with offices in 70+ countries, they have 50+ years of experience with products and solutions that reduce steel corrosion in multiple industries. Zerust's vapor corrosion inhibitors (VCIs) are used for the protection of shorted pipe casings, pipeline preservation, and aboveground storage tank (AST) bottoms, floors, and roofs. Zerust traditional products focus on the preservation of materials and equipment for storage, shipping, mothballing, and many other applications. Zerust Oil & Gas Division Address: Beachwood, OH, Tel: +1 (800) 328-2433. Website: www.zerust-oilgas.com

C Zhejiang Yuxi Corrosion Control Corp.

Booth 1739

Website: www.yuxi-anode.com



QP Industrial Painting Accreditation Improves Your Business

“ New Jersey American Water:

We had a lot of failures because the contractors that we were using in the past weren't accredited and they were cutting corners and it ended up costing us close to \$17M. ”

— Kenny Jaros, Tank Maintenance Coordinator, New Jersey American Water

ampp.org/qp-program



Thank You

AMPP Affiliate Corporate Members

as of 01/31/2023

Accurate Corrosion Control

Benjamin Moore & Company

BP Exploration & Production Operating Co. Ltd.

Brand Industrial Services

BSS Technologies

CAL, Inc.

Carboline Global Inc.

Corrpro

DeFelsko Corporation

Dunn-Edwards Corporation

Elcometer

Element Material Technology

Enbridge GTM

Enbridge Pipelines, Inc.

Flagsin Group

GPI

HII Newport News Shipbuilding

International Paint LLC

International Union of Painters and Allied Trades

JT Thorpe & Son, Inc.

KTA-Tator Inc.

Kuwait Oil Company

Lake Superior Consulting

Marathon Pipeline LLC

MasTec Professional Services, LLC

MATCOR, Inc.

MESA

National Grid

Northern Natural Gas Company

ONEOK

Pacific Gas & Electric Co - Bollinger Canyon

PPG Coatings (Kunshan) Co, Ltd

PPG Protective and Marine Coatings

Rabigh Refining and Petrochemical Company

Seal for Life Industries

Sherwin-Williams Co.

SHINKO CO., LTD.

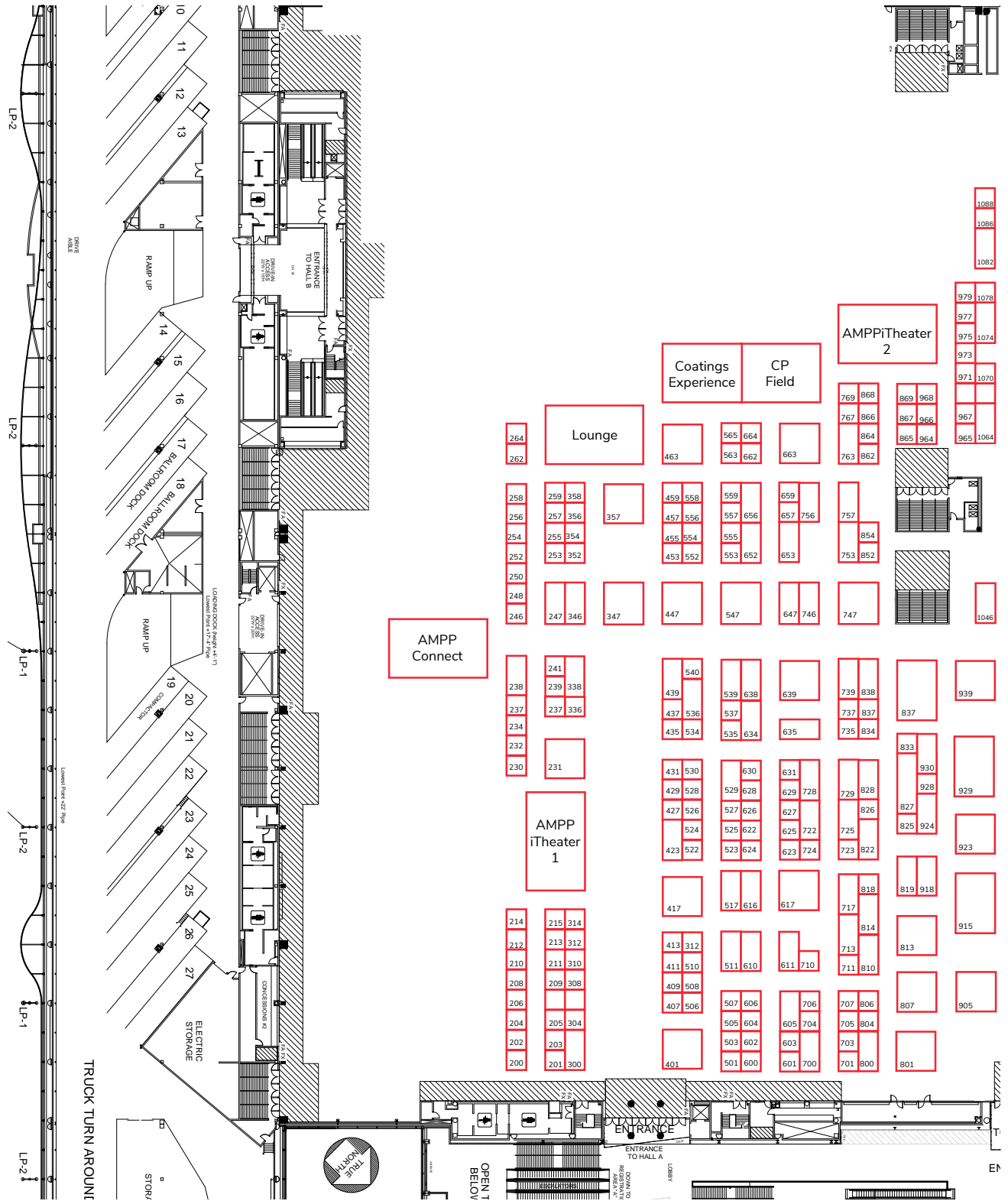
Southern California Gas Co.

TransCanada Pipelines

Troy Construction, LLC.

Turner Industries Group, L.L.C.

Floor Plan

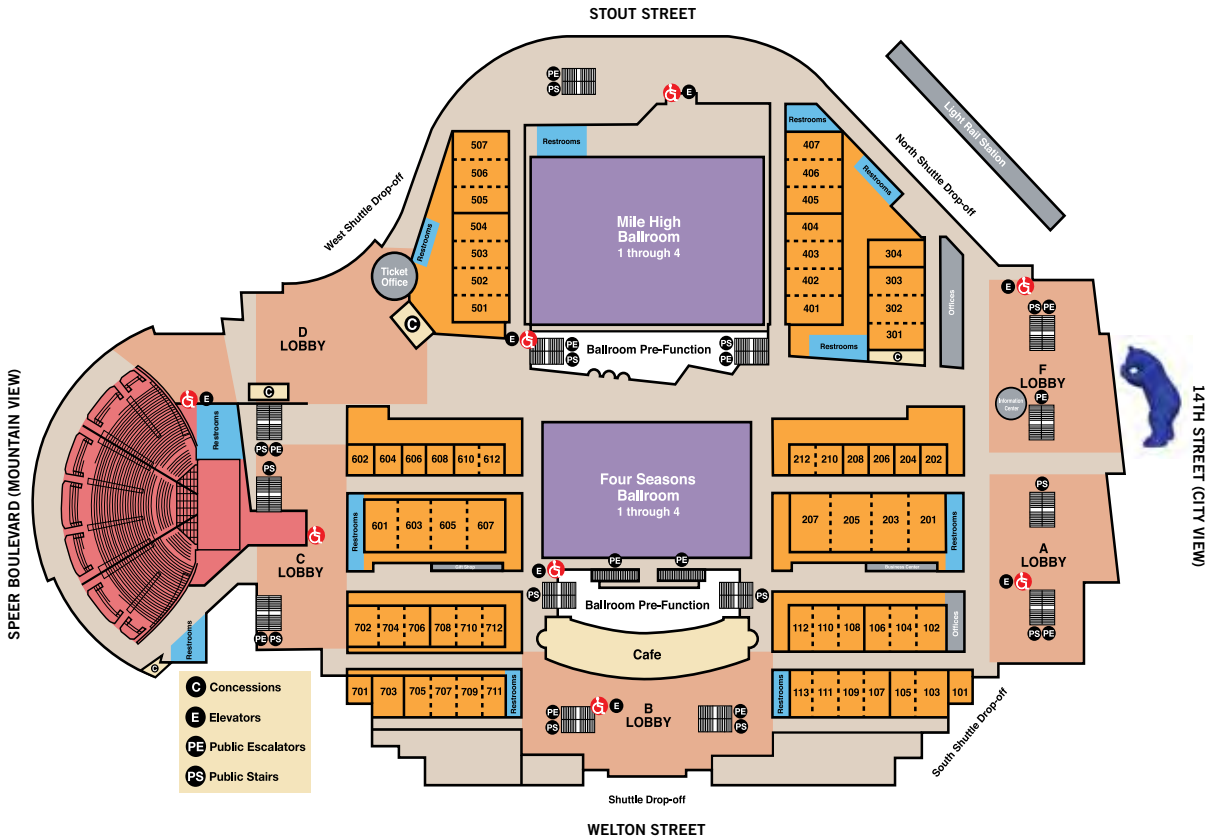


AMPP Annual Conference + Expo 2023 | Colorado Convention Center | Halls A, B, E, and F • Exhibit Halls 2-4

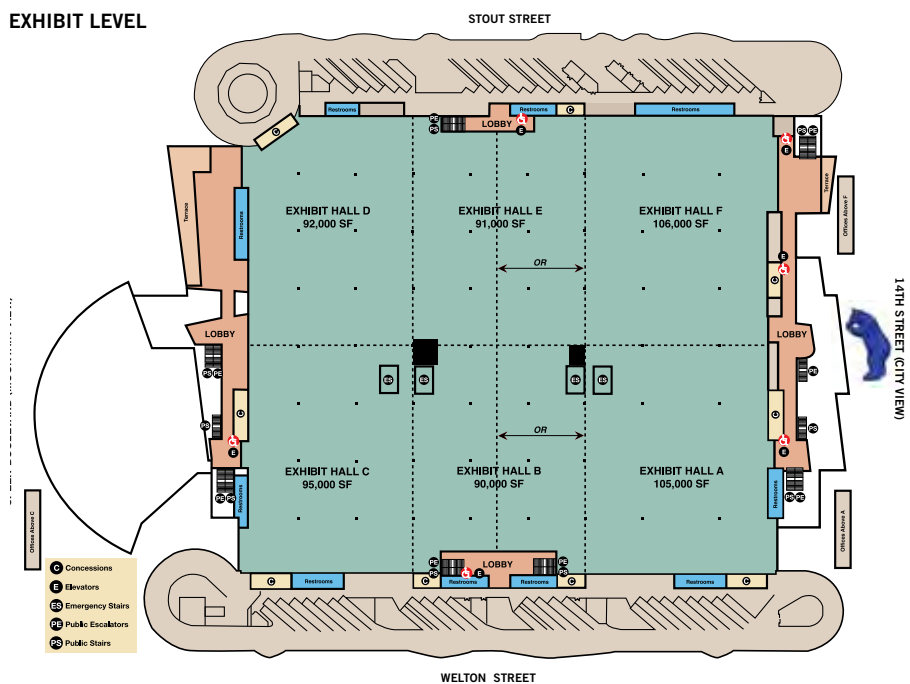


Maps

Colorado Convention Center | Meeting Room Level



Colorado Convention Center | Exhibit Hall Level





Jotun Protects Property

Visit us in Booth #300
AMPP Annual Conference + Expo

Baltoflake

Master the forces of nature

Corrosion protection in the harshest environments – enabling the future of energy.



Cost Effective



High Performance



Fast Curing



Low Maintenance



Highly Durable



Low VOC

IUPAT has developed the most qualified craftspeople since 1887.

World-class training at over 100 training centers across North America.

Robust training in all aspects of surface preparation & coating application for complex industrial & marine structures.

Certified workers, accredited programs and training centers.

Superior work that's on time and on budget.

IUPAT INDUSTRIAL PAINTERS.

For a higher level of protection, durability and safety.

Niagara Falls International Rainbow Bridge, connecting New York and Ontario



SEE YOU AT BOOTH #1374!

International Union of Painters and Allied Trades

IUPAT.org

Visit IUPATindustrial.com to See More

LUMINULTRA[®]

microbial monitoring

Quickly Identify the Threat of MIC

With real-time, accurate identification of microbes involved in microbiologically influenced corrosion (MIC), you can:

- Pinpoint a problem area within a system
- Apply treatment
- Evaluate the efficacy with a second test

All within the same day, compared to days or weeks required for traditional methods.

Learn why our GeneCount[®] Corrosion Collection is a finalist for the MP Corrosion Innovation Awards! Visit us at booth 1683.



See what we're up to
this week at
luminultra.com/ampp

Advertisers Index

ADVERTISER	BOOTH #	PAGE #
Abrasives Incorporated	1416	3
Abriox	1324	79
Altor	239	17
American Innovations	1207	20
AMPP	1065	9, 13, 16, 60, 75, 111, 128, 152, 154
APS Advance Products & Systems, LLC	1300	6
Axxiom Manufacturing	1239	23
Barrian	N/A	68
Black Beauty/Sure Cut	1082	69
BORIN	1355	85
Brand Safway	1085	42
Bullard	511	54
CerAnode	639	50
COMSOL	1554	156
Covia	624	61
CRW Companies	423	62
Dairyland Electrical Industries	1447	66
DeFelsko Corp	807	67
DeNora	1547	93
Electrochemical Devices, Inc.	N/A	95
Fischer	507	99
Galvotec	447	101
IBIX Surface Technologies	1534	107
Induron Protective Coatings	630	73
IUPAT	1374	134
FasterBlaster	1667	144
Jennings Anodes	238	74
JOTUN	300	133
LUNINULTRA	1683	135
Metal Samples	929	137
Mobiltex Tech	617	153
MONTIPOWER	547	138
mPACT2WO	1411	155
PPG	923	139
Rockwool	1458	141
Seal For Life Industries	939	142
Sigma Fasteners	512	143
Sika	336	144
Solugen	312	145
Sparc Technologies	1318	146
Spy Inspection Equipment	1604	147
Trenton	1135 & 262	2
TRUAbrasives	634	148
Texan Minerals and Chemicals, LLC	1371	149
TWRS	1377	150
VAN AIR	635	151



CORROSION MONITORING SOLUTIONS



Probes &
Instrumentation



Access Systems &
Injection Systems



Corrosion
Coupons



Non-Intrusive
Ultrasonic Systems



Metal 
Samples®

256-358-4202 | msc@alspi.com
www.metalsamples.com

Booth # 929

BRISTLE BLASTER TECHNOLOGY



GROUNDBREAKING AND CUTTING-EDGE

The world's only hand power tools that can "sandblast". The patented technology removes corrosion and coatings quickly and thoroughly. Bristle blasting is a great alternative to sandblasting.

At the same time, the Bristle Blaster® creates surface preparation grades comparable with Sa2½ (SSPC-SP 10/NACE No. 2) to Sa3 (SSPC-SP 5/NACE No. 1) and roughness levels of up to 120 µm Rz.



**BRISTLE
BLASTER®
CORDLESS**



**BRISTLE
BLASTER®
PNEUMATIC**



**BRISTLE
BLASTER®
DOUBLE**



**BRISTLE
BLASTER®
ELECTRIC**



SEE US AT
Booth 547



MORE PROTECTION THAN EVER!



PPG FLOORING™



Electrostatic Protection



Chemical Resistance



Wear Resistance



Urethane Cement



Methyl Methacrylate (MMA)



Mechanical Equipment Room

Now there's a new, expanded line of PPG Flooring systems that delivers PPG protection to a wide range of environments. No matter what the application, count on PPG Flooring systems for the right chemistry, dependable performance and comprehensive technical support.

- Electrostatic Protection
- Vinyl Esters
- Novolac Epoxies
- Urethane Cement
- Mechanical Room Protection
- Methyl Methacrylate (MMA)
- Solid and Decorative Options
- ... And more!

Find out more at www.ppgpmc.com/flooring.

www.ppgpmc.com | 1-888-9PPGPMC | PMCMarketing@ppg.com

The PPG Logo is a registered trademark of PPG Industries Ohio, Inc. PPG Flooring is a trademark of PPG Industries Ohio, Inc.

**VISIT US AT AMPP,
BOOTH #923.**

FasterBlaster

One FasterBlaster Cleans

- *Horizontal Surfaces
- *Vertical Surfaces
- *Pipe of All Sizes



Used to Blast Clean

- *Water Tanks
- *Petrochemical Tanks
- *Steel Bridge Decks
- *Steel Plate
- *Any Size Pipe
- *Wind Tower Sections



Financing Available

- *Visit our website for details and application

Come see the FasterBlaster in Booth 1667



Stay ahead of water. Now and in the long run.

**NEW**

**NOW AVAILABLE AS
STANDARD ON MATS
(WRAPS)**

- ProRox MA 960



with
**WR
TECH™**

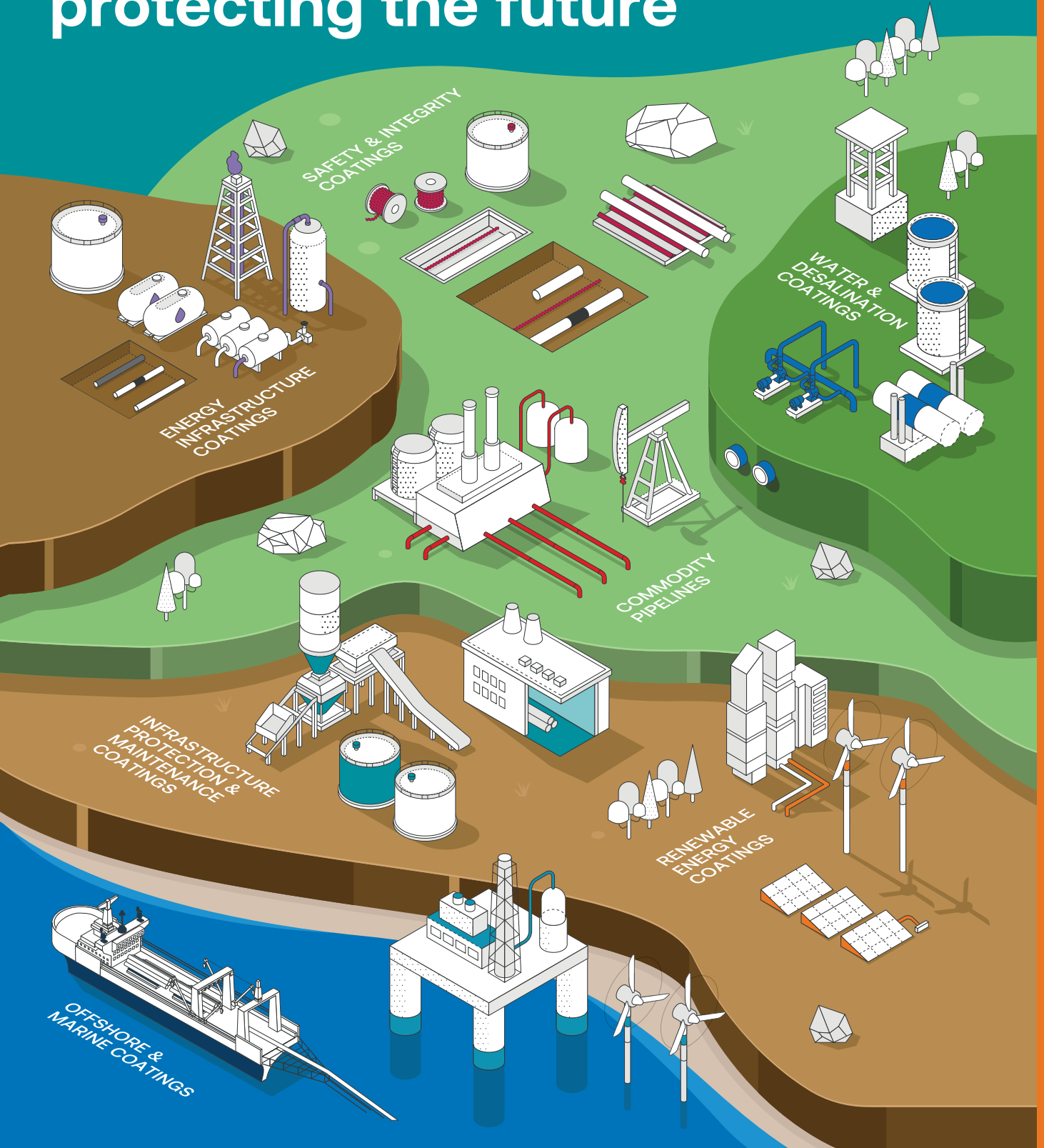
**PATENT
PENDING**

ProRox WR-Tech: when durability matters.

Need to protect your plant from water? We lead the field. ProRox stone wool insulation with WR-Tech Water Repellency Technology is the best-in-class solution to keep your entire plant dry. It's complete coverage made possible by our New ProRox Mat (Wrap) MA960 With WR-Tech – our advanced mat solution designed to complement the proven protection of our ProRox pipe sections. Together, they maintain a durable insulation performance over the critical corrosion under insulation (CUI) temperature range.



One coating company protecting the future



SEALFORLIFE
Industries

sealforlife.com



STOPAQ®



COVALENCE



POLYKEN®



POWERCRETE®



ANODEFLEX®



CANUSA-CPS®



HIGHLAND INTERNATIONAL



LIFELAST®



FLAME CONTROL



US COATINGS



VERDIA®



DHATEC®



MASCOAT®



EASY-QOTE®

ZNnGARD™



Corrosion Protection for High Pressure Bolting Used in Offshore, Refineries and Chemical Processing

ZNnGard™ \`zen·gärd\` is a nanostructured Zinc Nickel process that is considered part of an overall strategy to replace cadmium, PTFE, ceramic metallic, and fluoropolymer processes, eliminate environmental and worker safety issues while significantly improving performance and reducing life-cycle costs.



Download ZNnGard™
Whitepaper

Thickness	10 – 18 µm
Structure	γ phase (12% -16% Ni)
Hardness	400 - 500 VHN
Grain size	<100 nm
OCP vs (SHE)	-0.503 V to -0.653 V
Pin on disc (ASTM G99)	0.14 – 0.34 Coefficient of friction
K factor	0.24 (without lubricant) 0.17 (with lubricant)
Operating temperature	-50 °F to 400 °F (-45 °C to 204 °C)
Salt spray (ASTM B117)	>6000 h No red rust
Adhesion test (ASTM B571)	Bend test 180° PASS
Hydrogen embrittlement (ASTM F519)	PASS - 200 h at 75% NFS
Hydrogen Re-embrittlement	PASS
Applications	High and low strength steel
Standards/Specifications	Meets ASTM B841 Class 2 AN ASTM F1941

AMPP Conference + EXPO
Visit Us in Booth 512

281-214-8800
www.znngard.com
znngard@sigmafasteners.com





SLASH INSTALLATION TIMES UP TO 75%

SIKAFLOOR RAPID RETURN TO SERVICE

Sika's Rapid Return to Service Technologies are engineered to require less labor, packaging, downtime and cost to achieve the same high quality that a Sikafloor system is known for, but with less environmental impact than traditional floor systems.



GET GOING SIKA FAST

SIKA CORPORATION - FLOORING
844-529-7101
sikafloorusa.com

BUILDING TRUST



Verza360™ – Formulating with Power

Is high iron content keeping
your system from optimal
performance?

Visit Solugen at Booth #312
to find out more.



Solugen's Verza360™ bio-based, multifunctional solutions provide productivity improvement while effectively addressing iron control needs in completions and production. This family of products can substitute or boost performance of traditional chelants and/or organic acids and offers formulators wide latitude to achieve optimal iron control. Manufactured in Houston, TX using Solugen's novel, low-carbon emission Bioforge platform, Verza360™ improves your environmental profile with high-performance, cost-effective solutions.



To learn more, visit us at www.solugen.com/oilandgas or contact us at energysolutions@solugen.com.

IT'S TIME TO

RETHINK GRAPHENE

Unlocking the properties of graphene to transform global industries

The potential of graphene to enhance the performance of industrial materials is well documented.

However the ability to safely, affordably and effectively apply the technology has remained elusive – until now.

Sparc Technologies® has developed additives that exploit the power of graphene for a wide range of Protective & Marine coating applications.

Let us demonstrate how we can partner with you to implement cost effective solutions to enhance your products and deliver more sustainable outcomes.

Our industry-leading team of global Protective & Marine coatings experts have developed technology solutions that un-complicate the process of adding graphene to your products.

We are not a raw material supplier; our focus is on providing commercially viable technology solutions that make graphene work for you and your products.

Sparc Technologies® has limited partnership opportunities available for organizations wishing to unlock the transformational properties of graphene in their Protective & Marine coatings range.



Don't be left behind. Speak to us about unlocking the transformational power of graphene in your products. Get in touch via email or meet us at AMPP 2023.

Mike Bartels

Managing Director

mike.bartels@sparctechnologies.com.au

Dr. Denis Wright

Manager, Construction Materials

denis.wright@sparctechnologies.com.au

ACCURATE • TOUGH • RELIABLE
IN ANY ENVIRONMENT



For 70 years SPY® Holiday Detectors have operated in extreme environments around the globe during coating inspection work on pipeline projects. We set the standard for having the toughest, most reliable equipment in the field, manufacturing facility or anywhere else our equipment is put to the test. When your project takes you to the extreme, you can rely on SPY® coating inspection equipment.

For more details on SPY® Products and our complete line of equipment, please visit spyinspect.com or call (713) 681-5837.



WET SPONGE
HOLIDAY DETECTORS



IN-PLANT HOLIDAY
DETECTOR SYSTEMS



PORTABLE
HOLIDAY DETECTORS






VISIT US AT BOOTH #1604

To get expert knowledge
on coating inspections
and pick up some FREE SPY® Swag!



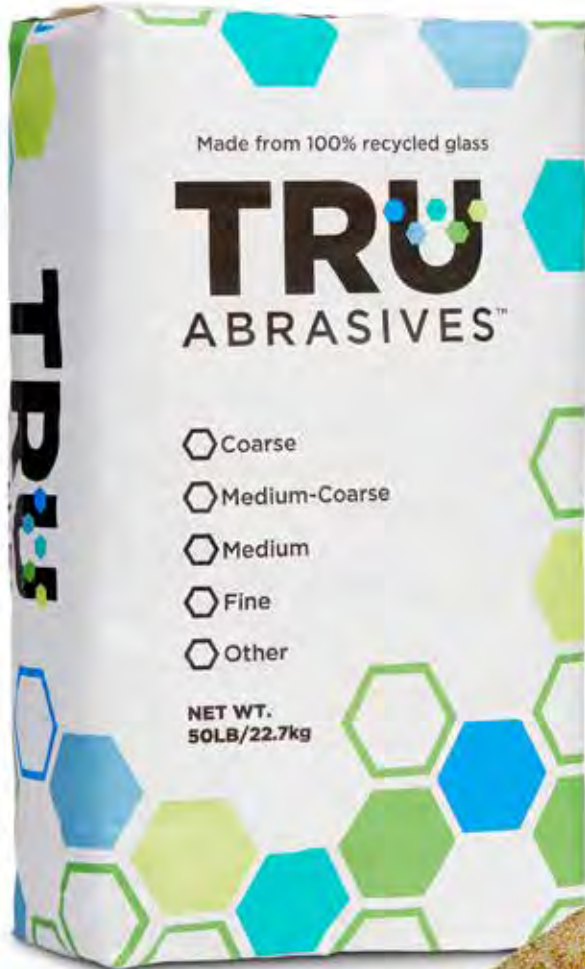
SPY[®]

INSPECTION EQUIPMENT

FOLLOW US ON   

SAY HELLO TO TRU:

A TRULY DIFFERENT ABRASIVE.



HIGH QUALITY

Carefully sourced and processed, resulting in a clean abrasive product with white post-blast finish and translucent dust.



HIGH PERFORMANCE

When matched with similar grades of slags or silica sand, comparable or even superior profile, cut speed, and consumption rates are delivered.*



HEALTH & SAFETY

Contains less than 1% free silica, non-reactive and inert, and Beryllium is not listed on our SDS.



CERTIFIED**

CARB Approved, QPL Approved, Mil-Spec, SSPC AB-1, Class A, and MIL-A-22262B(SH)



ECO-FRIENDLY

Made from 100% recycled glass and suitable for use around water.

*As verified by independent laboratory testing

**At select plants on select grades



CONTACT US FOR MORE INFORMATION

215-551-3070

abr@smi.com

Our regional sales managers are NACE Inspector Level 1 Certified.

©2023 All Rights Reserved. TRUABRASIVES is a registered trademark of Strategic Materials, Inc.

TRU
ABRASIVES®
WWW.TRUABRASIVES.COM





TEXAN MINERALS AND CHEMICALS LLC



14090 Southwest Freeway, Suite 310, Sugarland TX 77478
Phone: (713) 294-4180 Email: Mani@tmcgreen.com
www.TMCgreen.com

Indian Beach Garnet

30/60 Coarse most Sea Ports 20 cents CIF

50/80 mesh medium 19 cents

All clean material

Directly from Govt of India Supply

Breakbulk and large volume supply is possible

Texan Minerals and Chemicals LLC is a major abrasive supplier based in Houston, selling abrasives Nationwide. We stock **CARB Certified** India beach garnet and Staurolite. Garnet sizes are 30-60, 50-80, 80 and 120 mesh. Poly Bag 55 lbs packaging is available upon request.

Currently all India Beach Garnet are sold via major distributors nationwide. Please call for distributorship details. Our team of dedicated Technical and Sales Experts works with all customers to understand their priorities and challenges to obtain solutions.



Texan Minerals Garnet 30-60 mesh is **AB-1** and **CARB** certified. Many End-Users tested and found our Garnet has low impurities gives consistent white 3 mil finish.

FOR SALES, PLEASE CONTACT

Alex | (713) 823-9816 | Alex@tmcgreen.com
Narmada | (832) 457-3695 | Info@tmcgreen.com
David | (832) 795-8422 | David@tmcgreen.com (Español)

Samples Provided Upon Request. 100% RADIATION CHECKED

Shipped Directly to North American Ports

Processing Warehouses Located in Houston TX, Savannah GA & Newark NJ

TWRS

SALES / SERVICE / RENTALS

Surface Preparation & Coatings Equipment

AMPP Annual Conference & Expo 2023
DO NOT FORGET TO ENTER THE TWRS RAFFLE!

 <p>SCHMIDT</p>	 <p>Protecting you for life's best moments.</p> 	 	 <p>GRACO</p>
 	<p>VISIT OUR TEAM OF INDUSTRY EXPERTS! BOOTH 1377</p>		 
 	<p>ASK ABOUT OUR SELECTION OF:</p>  <p>U H P</p>  <p>SYSTEMS!</p>		 

800.621.2777

www.twrs.com

sales@twrs.com

NORTHEAST - PA
Greensburg, PA 15601
Phone: 800.621.2777

MIDWEST - IA
Blue Grass, IA 52726
Phone: 855.553.3855

GULF COAST - TX
Corpus Christi, TX 78405
Phone: 361.299.6166

EAST COAST - VA
Portsmouth, VA 23704
Phone: 888.822.4732

GULF COAST - TX
La Porte, TX 77571
Phone: 281.941.4219

GULF COAST - LA
Geismar, LA 70734
Phone: 225.673.7904

THE FAMILY THAT HAS IT ALL TOGETHER

- ✓ 15 YEAR WARRANTY
- ✓ 4-WAY ACCESS
- ✓ NO ELECTRICITY REQUIRED
- ✓ REMOVEABLE AFTERCOOLER
- ✓ DRY-O-LITE DESICCANT WITH PURCHASE



The Blast Pak *PRO* Series
Industry Leading All Inclusive
PORTABLE AIR DRYING SYSTEM



VISIT US AT BOOTH #635

www.vanairsystems.com

DID YOU KNOW....

The New AMPP YouTube channel brings you the latest news and information about corrosion, coatings, asset protection, AMPP education, certification, conferences, events and much more!



Don't miss out on any valuable content!

Subscribe to our channel to stay informed, connected
and to become part of the AMPP community today!

youtube.com/c/AMPPorg



MOBILTEX

CorTalk

Pushing forward
**CP MONITORING
INNOVATION.**

RDL1

FAST SAMPLE DATALOGGER UP TO 0.1SEC + FULL RMU1 FUNCTION & GPS SYNC'D INTERRUPTION

- Scheduled or Event-based Settings
- Engineered for forensic and diagnostic analysis or monitoring Constant Potential Rectifiers
- Dual Data File Structure — efficient individual RMU Readings separate from Fast Sample Recording data
- Replaceable standard AA battery — runtime of up to 10 years
- Superior lightning, surge and overvoltage protection + broad temp range (-40° to +60°C [-40° to +140°F])

RMU3

THE ORIGINAL MODULAR RMU — SMALLEST, SMARTEST, TOUGHEST RECTIFIER REMOTE MONITOR

- Field-proven with thousands of installs + complete range of smart accessories and installation options
- 2-way satellite/cellular backhauls with a full range of flexible data plans
- Easily expandable with options up to 44 channels on a single antenna
- Superior lightning and surge protection — no earth ground bond
- Intelligent, flexible install options for power and interruption — optimize performance and lower costs

RMU1+INT1

THE ONLY TEST POINT REMOTE MONITOR AVAILABLE WITH FULL GPS SYNC'D INTERRUPTION

- Eliminate portable interrupters or breaking bonds during CIS activity
- 2-way satellite/cellular backhauls with a full range of flexible data plans
- Replaceable standard AA battery — runtime of up to 10 years
- Superior lightning, surge and overvoltage protection + broad temp range (-40° to +60°C [-40° to +140°F])
- Unique AC Peak Detector function samples for high current density every 20 seconds — alarms on exception

POWERED BY
CorView

**ADVANCED CLOUD-BASED
REMOTE MONITORING,
VISUALIZATION & CONTROL**

POWERED BY
aws



30+ YEARS
OF CP INNOVATION



>160K MILES
OF PIPELINE MONITORED



~200
MAJOR ORGANIZATIONS
ASSETS PROTECTED

1.844.689.3282 (844.MTX.DATA) | www.MOBILTEX.com



FOREFRONT INNOVATION SERIES

A new, virtual, technical series from AMPP!

Forefront Innovation Series is a new and innovative web-based series from AMPP. Filled with the latest insights and technical developments, Forefront brings together subject matter experts from a wide variety of industries and professional backgrounds to discuss hot-button materials protection and performance related technical topics. Utilizing best practices, case studies, and lessons learned, these engaging sessions will shed light on challenges faced by different industries.

Top 5 reasons to attend:

- Gain insights to the New & Emerging Technologies
- Participate in Open Discussions about Future Innovations and Theories
- Engage with Subject Matter Experts to get your questions answered
- Network with peers & discuss hot-button materials protection and performance related technical topics
- Earn up to 6 Professional Development Hours per series

View our Calendar for Upcoming Events!

Scan here:



Are you a company looking to Sponsor a Forefront series?

Forefront Sponsors receive perks like unlimited registrations and industry advertisement to thousands of AMPP members and non-members through email blasts and social media. Email Danielle Edmond at danielle.edmond@ampp.org to become a sponsoring company today!



Re-think Corrosion Monitoring

Monitor what matters!
Avoid over-monitoring and over-maintenance.

Operator solution for automated and continuous corrosion monitoring.

Accurate corrosion and process insights to enhance safety, compliance, and operational efficiency.

We are located in Booth #1411

Presentations in our booth as follows:

MAR
21

9am
What is NDE 4.0?

MAR
21

3pm
Effective ultrasonic corrosion monitoring

MAR
22

9am
Permanently installed ultrasonic corrosion monitoring systems in compliance with industry standards

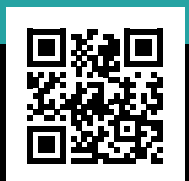
MAR
22

3pm
CML/TML Optimization

mPACT2WO, a Molex business, enables digital industrial transformation in industrial plants. mPACT2WO solutions include next generation sensors, software, and analytics to optimize maintenance and to reduce unplanned downtime.

Contact us at
iiot2.0@molex.com

Scan the QR code to learn more about mPACT2WO Digital Operations Transformation Series (mDOTS).
www.mPACT2WO.com

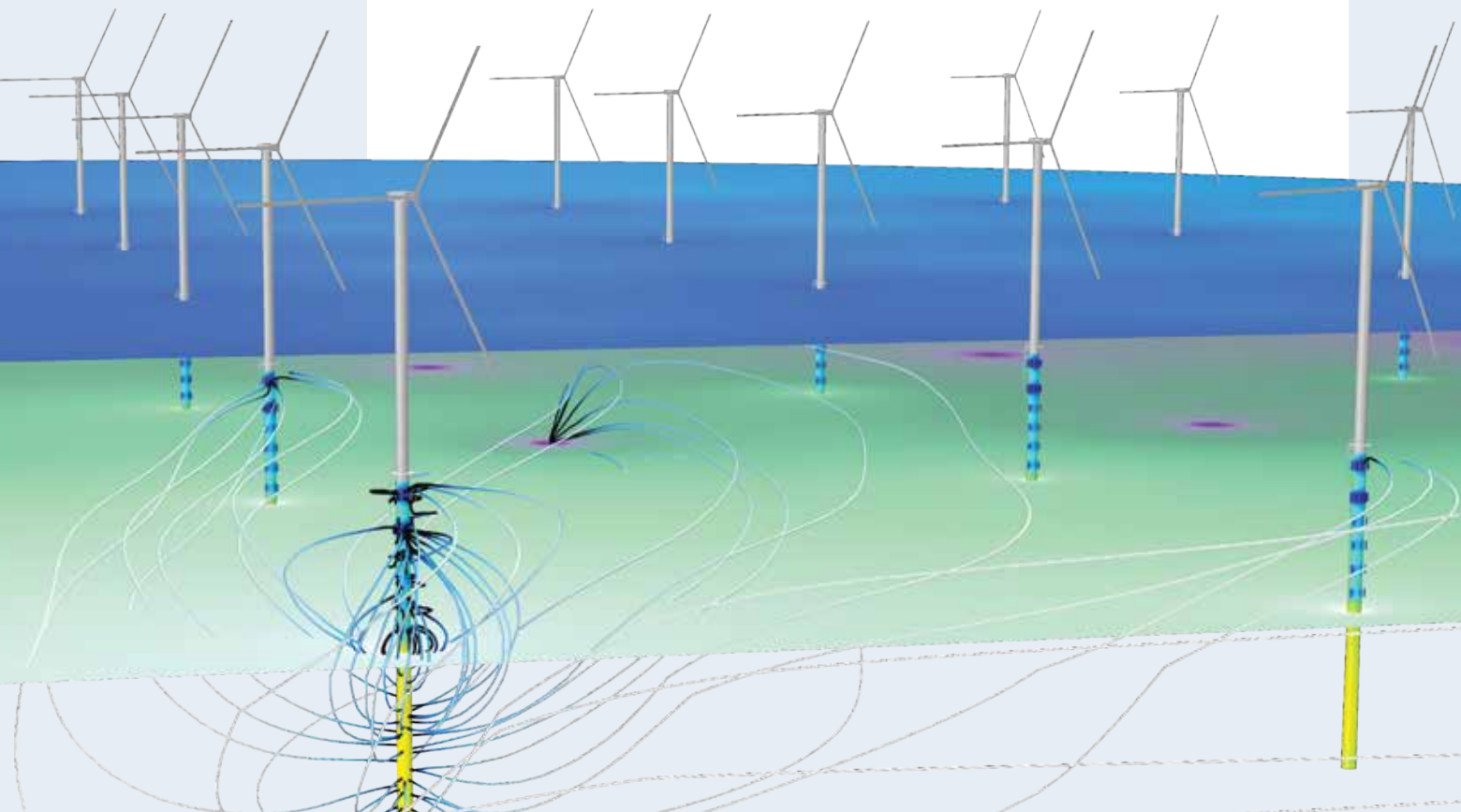


SIMULATION CASE STUDY

Protecting wind turbines against corrosion

Galvanic corrosion is often intentionally exploited for the cathodic protection of sacrificial anodes, such as in the monopiles used to support these offshore wind turbines. To mitigate corrosion in these structures, engineers can use numerical modeling to understand and analyze the performance, and lifetime, of the cathodic protection system.

LEARN MORE comsol.blog/monopiles



 COMSOL

The COMSOL Multiphysics® software is used for simulating designs, devices, and processes in all fields of engineering, manufacturing, and scientific research.