OFFICIAL MEDIA PARTNERS

AMPP—The Global Leaders in Materials Protection and Performance
On behalf of the AMPP and AMPP Global Center Board of Directors, we are excited to invite you to attend the third AMPP Annual Conference + Expo 2024 in New Orleans, Louisiana next March. Laissez les bons temps rouler! We have a full slate of peer-reviewed symposia, workshops, networking events, technical meetings, and much more already scheduled for our gathering in the Crescent City.

As the industry's largest and most comprehensive professional conference, AMPP Annual Conference + Expo offers you the opportunity to learn the latest corrosion and materials best practices, get informed on the latest industry trends, and interact with professional colleagues and potential business partners. From networking events to technology demonstrations on the exhibition floor, you'll find everything you need to stay ahead of the curve in materials protection and performance.

AMPP Annual Conference + Expo registration includes:

- Peer-reviewed symposia on topics such as:
  - Advanced Protective Coating Technology
  - Advanced in Materials for Oil and Gas Production
  - Corrosion Control in the Water and Wastewater Industry
  - Stress Cracking Under Thermal Insulations
  - Advancements in Volatile Corrosion Inhibitors (VCI)
  - Geothermal Scaling and Corrosion
  - Environmental Assisted Cracking (EAC)
  - In-Line Inspection (ILI) and other detection technologies
  - Machine Learning for Corrosion Management
  - And many more!

- Hundreds of exhibits from global leaders in the industry
- Targeted professional development programming
- Practical workshops and hands-on coating and cathodic protection experiences
- Networking events and an exclusive Career Fair
- Special programming specifically for contractors
- Student poster sessions and special programming for young professionals

Browse through this program to find out more about the many symposia and technical workshops available to you at this highly informative conference. From inspectors to contractors to new professionals just starting out in the field, you can find everything you need to propel your industry knowledge at this event.

Along with all the board members and AMPP staff, we look forward to welcoming you to AMPP’s Annual Conference + Expo 2024!

Best regards,

Kristin Leonard
Chair, AMPP Global Center Board of Directors

Paul Vinik
Chair, AMPP Board of Directors

---

APPLY TODAY FOR THE 2023-2024 AMPP EMERG ACADEMIC SCHOLARSHIPS!

Funded by the generous contributions of individual members, corporations, AMPP Chapters, and other non-profit entities, we offer several scholarships that provide deserving students with vital funding to pursue a corrosion control or protective coatings education in science and engineering.

Application deadline for scholarships is January 2, 2024.

Travel Assistance to AMPP Annual Conference 2024

The EMERG Student Outreach Program offers travel assistance to AMPP Annual Conference + Expo student registrants who are presenting in the Student Poster Session or Technical Program, or receiving an AMPP academic scholarship.

Application deadline for Travel Assistance is February 1, 2024.

Get more details at ampp.org/EMERG
## Table of Contents

**GENERAL CONFERENCE INFORMATION AND REGISTRATION**
- Message from the Chairs .................................................. A2
- General Conference Information ..................................... A6
- Hospitality Suites ............................................................ A6
- AMPP Bookstore .............................................................. A6
- Corporate Lounge .............................................................. A6
- Student/Young Professionals (SYP) Lounge ................. A6
- Product Showcase ............................................................. A6
- AMPP Conferences Minor Policy ...................................... A7
- Convention Center Accessibility ..................................... A7
- Registration Information ................................................. A8
- Official Conference Hotels .............................................. A10
- Key Dates & Contacts .................................................... A11
- Standards & Technical Meetings ................................... A12

**PROGRAM SCHEDULE**
- Conference Terminology ................................................ A14
- Schedule by Type ............................................................ A16
- EMERG Student Camp .................................................... A43
- EMERG Student Lunch Meeting .................................... A43
- SYP Coaching Sessions ................................................ A43
- Student Poster: Orientation, Poster Viewing Sessions, Poster Session Awards Ceremony .................................. A43
- SYP Unplugged ................................................................. A43
- AMPP Cares | cKit Building Event ................................ A43
- AMPP Career Fair ............................................................ A44
- CoatingsPro’s Contractor Awards ................................ A44

**THE EXPOSITION**
- Expo Schedule ............................................................... A50
- AMPPiTheaters ............................................................... A51
- CoatingsPro’s Annual Contractor Awards Program ........ A51
- Cathodic Protection Field ............................................... A51
- The Coatings Experience .............................................. A51
- Dairyland Lounge ........................................................... A51
- “High Rollin’ for a Harley” Giveaway ............................ A51
- AMPPCares 2024 ............................................................. A52
- cKit Training ................................................................. A52
- EMERG Student Camp .................................................. A52
- Student Poster Display .................................................. A52
- SYP Coaching Sessions ................................................ A52
- SYP Unplugged ............................................................... A52
- AMPP Connect ............................................................... A53
- Expo Floorplan ............................................................... A54
- Exhibitors ...................................................................... A56
General Information

AMPP ANNUAL CONFERENCE + EXPO

Location
New Orleans Ernest N. Morial Convention Center
900 Convention Center Blvd
New Orleans, LA 70130

Time Zone
CST—Central Standard Time

Getting to New Orleans
Louis Armstrong New Orleans International Airport
1 Terminal Dr
Kenner, LA 70062

Visa Application for International Delegates
Any individual traveling from an international location to the AMPP Annual Conference + Expo in New Orleans will need to check the U.S. Department of State website (travel.state.gov) to identify their specific country’s Visa requirements.

Official Conference Language
The official conference language is English.

Professional Development Hours (PDHs) Stations
Earn PDHs by attending the technical meetings, forums, and symposia at the AMPP Annual Conference + Expo. Print out your personalized PDH certificates at the PDH Station located near Registration. Certificates are based solely on the information provided to AMPP at the time of printing.

AMPP Certification Hospitality Suite
The Certification Hospitality Suite is a space dedicated to recognizing the AMPP certified community. All active, certified individuals are encouraged to come by to claim a gift, put their feet up, enjoy a beverage and/or snack, and chat with AMPP representatives who will be available to answer questions and verify information around certification.

AMPP QP Accreditation Hospitality Suite
The QP Accreditation Hospitality Suite is a space for all QP contractors and prospective contractors to meet with the accreditation team and enjoy a beverage and/or snack. Stop by to get your questions answered and to learn about the latest developments in our accreditation program.

AMPP Bookstore
The AMPP Bookstore will be in New Orleans! Stop by to browse through the most extensive collection of publications dedicated to corrosion control and performance coatings. 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 store.ampp.org or contact Customer Support, 1-800-797-6223 or +1 281-228-6223, for more information.

Corporate Lounge
The Corporate Lounge offers AMPP corporate member representatives — from Affiliate and Associate level corporate memberships — specialized services and an oasis for conducting business while attending the conference. Guests can reserve meeting rooms, check emails, or relax between meetings. Learn how to become a Corporate Member by contacting our Membership Team at corporate@ampp.org.

Students/Young Professionals (SYP) Lounge
Attendees under the age of 30 can visit the lounge in the Student Quad on the Expo floor and take a break from the action, meet up with other SYPs, or schedule small, informal meetings in semi-private pods.

Product Showcase
The Product Showcase is your first look at the industry’s cutting-edge technology. Located in the main foyer near registration, displays feature the latest innovations and new products from this year’s exhibiting companies. Exhibitors interested in participating in this unique display can contact Alina Blanco at alina.blanco@ampp.org or phone +1 281-228-6450.

Convention Center Accessibility
The New Orleans Ernest N. Morial Convention Center is committed to accommodating the needs of individuals with disabilities. It complies with all federal ADA laws. If you have any special requirements, email a description of your needs to customersupport@ampp.org and an AMPP staff member will contact you.

AMPP Conferences Minor Policy
Children under the age of 15 are not permitted in the expo, meetings, or symposia. Children over the age of 15 must be registered as guests and are required to wear a badge at all times while in the convention center.

Expo Attendance: Nursing infants will be allowed in the exhibit hall during show hours only and must always be carried in arms or front baby carrier (NO STROLLERS PERMITTED) by a registered AMPP attendee.

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.

Meetings & Programming: To provide all AMPP attendees an optimal learning environment, minors and guests are not permitted in technical meetings or the symposia. Those attending these sessions must be registered for the conference and show the appropriate badge.

Exhibitors: Exhibitor booth staff must be registered as such and be 15 years of age or older. The nursing infant rule applies to exhibitors. No child under the age of 15 may be in an exhibit booth during set-up, tear-down, or show hours. Anyone in violation of these rules will have their booth closed and will not be provided a refund.

STROLLERS AND ROLLING CARTS ARE NOT ALLOWED in the exhibit hall at any time.

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.

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
### Conference Registration

#### Rates

<table>
<thead>
<tr>
<th>REGISTRATION TYPE</th>
<th>Member Rates (USD)</th>
<th>Nonmember Rates (USD)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Advance</strong></td>
<td>Before January 3, 2024</td>
<td></td>
</tr>
<tr>
<td>Full Conference</td>
<td>$1,075</td>
<td>$1,275</td>
</tr>
<tr>
<td>One-Day</td>
<td>$550</td>
<td>$750</td>
</tr>
<tr>
<td>Two-Day</td>
<td>$695</td>
<td>$895</td>
</tr>
<tr>
<td>On-Demand Content provided post event</td>
<td>$550</td>
<td>$750</td>
</tr>
<tr>
<td>Student Registration*</td>
<td>Free</td>
<td>$100</td>
</tr>
</tbody>
</table>

*To qualify for the student rate, you must have a current AMPP Student Membership.

**Guest**
Includes access to social activities and exhibit hall only $195

**Exhibit Hall Only**
$225

**Darrel D. Byerley & Phil Calvo Memorial Golf Tournament**
*Individual Player $150*

**EMERGing Leaders Bash**
Contact naa@ampp.org for available sponsorships

**Honoree Night**
$75 Individual

**AMPP Valuing Voices Breakfast**
$50

### Conference Registration

#### AMPP Annual Conference + Expo 2024

##### Conference Papers

<table>
<thead>
<tr>
<th>REGISTRATION TYPE</th>
<th>PRICING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full Registration—Advanced and Regular</td>
<td>Complimentary</td>
</tr>
<tr>
<td>Full Exhibitor COMP Registration</td>
<td>Complimentary</td>
</tr>
<tr>
<td>Conference Attendees—One Day, Two Days, and Students</td>
<td>$249</td>
</tr>
<tr>
<td>Booth Attendants</td>
<td></td>
</tr>
<tr>
<td>Exhibit Hall Only</td>
<td></td>
</tr>
<tr>
<td>Not attending AMPP Annual Conference + Expo</td>
<td></td>
</tr>
</tbody>
</table>

### General Registration Information

Registration is available online from October 23, 2023 through February 29, 2024. After February 29, 2024, registration will be processed onsite only, including mailed registrations received after this date.

Registration for on-demand conference delivery will continue online after the conference begins.

Registration will not be processed without payment. Registration and payment dates determine price. Payment must be made in U.S. dollars from a U.S. financial institution. Checks, money orders, or credit card payments are accepted. Invoices will not be issued.

Advance registration rates will be available from October 23, 2023 through January 3, 2024. After January 3, 2024, regular registration rates will apply.

Onsite and Express Pass registration will be in the New Orleans Ernest N. Morial Convention Center.

### Ways to Register

Online: [ace.ampp.org](http://ace.ampp.org)

Mail: AMPP, 15835 Park Ten Place, Houston, TX 77084 USA

Fax: +1 281-228-6329

Phone: 1-800-797-6223 (U.S. and Canada) or +1 281-228-6223 (worldwide)

### Cancellation and Refund Policies

Paid registrations cancelled in writing at least 60 calendar days or more prior to the start of the event will receive a full refund, less a 10% service fee. Paid registrations cancelled in writing 59 to 30 days before the starting date of the event will receive a refund of 50% of the registration fee. No refunds or credit will be issued on cancellations or transfers received less than 30 days before the event begins. Refund of registration refunded one time at a fee of $100.00 USD. Transfers may not be made less than 14 days before the event begins. This policy supersedes any previously published policy regarding the cancellation process for AMPP Conferences. All requests for transfer or cancellation must be submitted in writing to customersupport@ampp.org. No refund will be processed if the registrant is a no show.

Check refunds are processed after the conference. There are no refunds on exhibit visitors or networking tickets.

### Guest Tours

A limited number of tours of popular New Orleans destinations are available for purchase. A Guest or Conference registration is not required for participation. Visit the ace.ampp.org website for a list of available tours and to register.

### Learn how you can attend AMPP Annual Conference for FREE!

Participate in the AMPP Connect Program. See page A53 for details.
**Official Conference Hotels List**

<table>
<thead>
<tr>
<th>HOTEL</th>
<th>S/D RATE (USD)</th>
<th>ADDRESS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hilton New Orleans Riverside</td>
<td>$298</td>
<td>Two Poydras St</td>
</tr>
<tr>
<td>Blake Hotel New Orleans, BW Premier Collection</td>
<td>$179</td>
<td>500 St. Charles Ave</td>
</tr>
<tr>
<td>Courtyard by Marriott Downtown Convention Center</td>
<td>$267</td>
<td>300 Julia St</td>
</tr>
<tr>
<td>DoubleTree New Orleans</td>
<td>$269</td>
<td>300 Canal St</td>
</tr>
<tr>
<td>Embassy Suites New Orleans Convention Center</td>
<td>$259</td>
<td>315 Julia St</td>
</tr>
<tr>
<td>Hampton Inn &amp; Suites New Orleans - Convention Center</td>
<td>$260</td>
<td>1201 Convention Center Blvd</td>
</tr>
<tr>
<td>Hilton Garden Inn New Orleans Convention Center</td>
<td>$219</td>
<td>1001 South Peters St</td>
</tr>
<tr>
<td>Hyatt Place New Orleans Convention Center</td>
<td>$255</td>
<td>881 Convention Center Blvd</td>
</tr>
<tr>
<td>Loews New Orleans</td>
<td>$259</td>
<td>300 Poydras St</td>
</tr>
<tr>
<td>Marriott New Orleans Warehouse Arts District (formerly New Orleans Downtown Marriott at the Convention Center)</td>
<td>$335</td>
<td>859 Convention Center Blvd</td>
</tr>
<tr>
<td>Omni Riverfront Hotel</td>
<td>$249</td>
<td>701 Convention Center Blvd</td>
</tr>
<tr>
<td>Springhill Suites New Orleans Downtown/Convention Center</td>
<td>$283</td>
<td>301 St. Joseph St</td>
</tr>
<tr>
<td>voco St. James Hotel, an IHG Hotel</td>
<td>$199</td>
<td>330 Magazine St</td>
</tr>
</tbody>
</table>

**Make Hotel Reservations through the AMPP Website**

Visit [ace.ampp.org](http://ace.ampp.org) to reserve your room at one of the official conference hotels. You will receive an automatic acknowledgement email from our housing bureau, SPARGO. Acknowledgements will be emailed within six hours of your reservation being processed directly online. If you do not receive an acknowledgement in this time frame, please contact the AMPP Annual Conference + Expo 2024 Housing Bureau at 1-866-470-7778 or +1 571-549-4542 (International); email [AMPPHousing@spargoinc.com](mailto:AMPPHousing@spargoinc.com).

Reservations may also be made during the AMPP Annual Conference + Expo 2024 online registration process. The deadline to reserve a room through online registration is February 8, 2023.

**Alert!**

SPARGO is the ONLY APPROVED HOUSING AGENCY for AMPP Annual Conference + Expo in New Orleans.

If you are contacted by anyone other than SPARGO, please note they are not endorsed by AMPP. Despite their claims, they do not have access to our negotiated discounted rates. For accurate information regarding reservations or availability, please contact our official housing bureau, SPARGO, or call 1-866-470-7778 (U.S. and Canada), +1 571-549-4542 (International).

**Key Dates at a Glance**

**NOVEMBER 1, 2023**

- Housing opens
- Conference/Expo advance registration opens

**JANUARY 3, 2024**

- Conference/Expo advance registration closes

**FEBRUARY 8, 2024**

- Housing closes

**FEBRUARY 29, 2024**

- Online registration for in-person conference closes

**MARCH 2, 2024**

- AMPP Annual Conference + Expo 2024 begins
- Online registration times are Saturday, March 2, 2 to 5 p.m.; Sunday, March 3, 7:30 a.m. to 6:30 p.m.; Monday, March 4, 7 a.m. to 7:30 p.m.; Tuesday, March 5, 7 a.m. to 5 p.m.; Wednesday, March 6, 7:30 a.m. to 7 p.m.; and Thursday, March 7 7:30 a.m. to noon.

**MARCH 7, 2024**

- Conference/Expo registration, AMPP Store, Exhibit Hall, and AMPP Business Center closes at noon.

**Important Contacts**

<table>
<thead>
<tr>
<th>INFORMATION TYPE</th>
<th>U.S.</th>
<th>INTERNATIONAL</th>
<th>EMAIL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Registration and General Questions</td>
<td>1 800-797-6223</td>
<td>+1 281-228-6223</td>
<td><a href="mailto:customersupport@ampp.org">customersupport@ampp.org</a></td>
</tr>
<tr>
<td>Housing</td>
<td>1 866-470-7778</td>
<td>+1 571-549-4542</td>
<td><a href="mailto:AMPPHousing@spargoinc.com">AMPPHousing@spargoinc.com</a></td>
</tr>
<tr>
<td>Membership Services</td>
<td>1 800-797-6223</td>
<td>+1 281-228-6223</td>
<td><a href="mailto:customersupport@ampp.org">customersupport@ampp.org</a></td>
</tr>
<tr>
<td>AMPP Conferences</td>
<td>+1 281-228-6413</td>
<td>+1 281-228-6413</td>
<td><a href="mailto:lesley.martinez@ampp.org">lesley.martinez@ampp.org</a></td>
</tr>
<tr>
<td>AMPP Exhibits</td>
<td>+1 412-288-6036</td>
<td>+1 412-288-6036</td>
<td><a href="mailto:sam.barill@ampp.org">sam.barill@ampp.org</a></td>
</tr>
<tr>
<td>AMPP Sponsorships</td>
<td>+1 281-228-6299</td>
<td>+1 281-228-6299</td>
<td><a href="mailto:sales@ampp.org">sales@ampp.org</a></td>
</tr>
<tr>
<td>Conference Symposia Papers</td>
<td>+1 281-228-6218</td>
<td>+1 281-228-6218</td>
<td><a href="mailto:papers@ampp.org">papers@ampp.org</a></td>
</tr>
<tr>
<td>Student/Young Professional Activities</td>
<td>+1 281-228-6205</td>
<td>+1 281-228-6205</td>
<td><a href="mailto:emery@ampp.org">emery@ampp.org</a></td>
</tr>
</tbody>
</table>
Standards & Technical Committees

AMPP Standards Committees are scheduled to meet during AMPP Annual Conference + Expo 2024. The U.S. TAGs will also meet. Full conference registrants are welcome to participate in standards committee meetings held during the conference. Standards committee meetings are where you can learn about the projects assigned to a committee, connect with the standards developers, contribute to the draft, and follow the progress of each standards project. There’s no better way to engage with and impact industry than through the important work of standards development!

Additionally, AMPP Technical Committees (TCs) and Technical Communities of Interest (TCIs) will meet during the conference.

Standards and Technical Committees

New to AMPP standards development? Learn more about the work of the committees by attending our training and informational meeting during AMPP 2024 which provides details about the functions of the standards committees. The committees’ structure—designed to bring together experts from various industries who are concerned with specific subject matters and wish to contribute to the development of standards that meet the needs of industry—will be explained. A must-attend for those new to the AMPP standards development process.

Persons interested in joining a standards committee may do so at ampp.org/standards. AMPP membership is encouraged but not required. An AMPP profile is required.

All scheduled standards and technical committee meetings are included on the following pages; use the color-coded program legend to identify scheduled meetings. For the most up-to-date standards committee meeting listing with the times and locations as they are finalized, visit ace.ampp.org.

Thank You to Our Sponsors

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

*As of August 29, 2023
Conference Terminology

Program Color Legend

- **A**: Administrative/Other Meetings
- **AMPPiTheater**: AMPPiTheater
- **C**: Contractor-Focused Sessions
- **F**: Forums and Workshops
- **I**: Informational Track
- **N**: Networking
- **S**: Standards Committees/ISO
- **SC**: Student Activities
- **T**: Technical Communities of Interest
- **W**: 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.

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.

Case Study Sessions

Case Study sessions offer a platform to present and discuss real-life, recent investigations and insights derived from practical experiences.

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.

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.

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 they are available in popular literature. Authors explain how their work will help advance and provide innovative technologies to the coating and corrosion industries.

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 and Young Professionals 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.

Workshops

These are sessions that impart specific, practical knowledge on a single subject.
Program Schedule

All meetings will be held at the New Orleans Ernest N. Morial Convention Center unless otherwise indicated. Schedule is subject to change. Please refer to ace.ampp.org for updates.

**Program Color Legend**
- Administrative/Other Meetings
- Informational Track
- Standards Committees/ISO
- AMPM Theater
- Networking
- Technical Communities of Interest
- Contractor-Focused Sessions
- Workshops
- Forums and Workshops
- Student Activities
- Case Study Sessions

### Cathodic Protection

#### A Detailed Analysis of Attenuation Properties of Various Elements in Cathodic Protection System Circuits

**Speaker:** Christopher McKinley, Southern Cathodic Protection Company

A deep dive into the mathematics of attenuation analysis designed to provide engineers and students better tools for optimizing cathodic protection system performance, both for more cost-defensible design and more reliable outcomes.

#### AC Corrosion

**Chair:** Ryan Buchs, ENTRUST Solutions Group | **Vice Chair:** David Kemp, DNV GL

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

#### AC and DC Interference - Panel Discussion and Forum

**Chair:** Ryan Buchs, ENTRUST Solutions Group | **Vice Chair:** David Kemp, DNV GL

This session will be an open forum to a panel of experts regarding AC and DC interference for buried assets including (but not limited to) pipelines, stations, transit, electrical infrastructure, HVDC systems, solar and wind farms, foreign CP, and other topics.

#### Anodic and Cathodic Protection

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

This symposium includes technical papers regarding anodic and cathodic protection papers on metallic materials in pipeline and other applications in oil, gas, water, and chemical systems.

#### Curtailing Compliance – Harmonizing CP Surveys in Busy Pipeline Corridors

**Speaker:** TK Akins, Altamira-US

Concept: Benefits of a centralized database for optimizing CP interrupted surveys. Cathodic protection (CP) is a critical technique used to prevent corrosion of metal structures, such as pipelines and storage tanks, in the oil and gas industry. To ensure the effectiveness of CP systems, regular surveys are conducted to assess their performance. However, these surveys can be interrupted, leading to incomplete or inaccurate data that can compromise the integrity of the system. In busy pipeline corridors, the challenges of coordinating CP surveys and interrupted surveys with multiple operators and contractors can be tedious and
disruptive to normal operation activities. Having a centralized database that contains the relevant pipeline information, routes, cathodic protection system location and operator information would help harmonize time and valuable resources. The database integrates and analyzes data from interrupted surveys, providing a comprehensive view of the system’s performance across all survey waves. By combining data from multiple surveys, the database can identify trends and changes in the system’s performance over time. The database can also provide insights into the reasons for survey interruptions and inform strategies for improving survey processes. The centralized database allows each operator to seamlessly schedule the interruption of the rectifier systems or elect to complete their surveys within the same period. The benefits of a centralized database for optimizing CP interrupted surveys include increased efficiency, improved accuracy, and enhanced decision-making. The database enables quick access to comprehensive data, reducing the time and effort required to analyze and interpret survey results. Additionally, the database facilitates the identification of trends and patterns that can inform proactive maintenance and repair strategies, ultimately improving the performance and longevity of CP systems. The database and map will allow individual selection of pipelines for interrupted survey. When a pipeline is selected, a list will be generated containing each pipeline owner in that corridor space. This concept will allow collaborative survey scheduling, closed loop interruption notification and communication.

#### Quality Assurance & 3rd Party Inspection Services: Is This Still Needed in Our Industry Today and What Does the Future Look Like?

**Chair:** Lake Barrett, KTA-Tator Inc. | **Vice Chair:** Nickey Zafris, Equitrans Midstream

The use of independent or 3rd party inspection services has been part of the corrosion industry for decades. With advancement in products, applications and quality control parameters, one might think the need for inspection is nearing its end. Come join this lively forum as we explore this topic with an experienced panel representing asset owners, contractors, material suppliers and inspection firms and address the present state of quality control and quality assurance today and proved a glimpse into the future. Audience participation will be strongly encouraged.

#### Advanced Protective Coating Technology

**Chair:** Benjamin Chang, PolyLab | **Vice Chair:** Tom Weber, TWC Group

This Symposium is looking for the papers in the following areas: Offshore Windmill New construction Coating (>25 year service life), Offshore Repair Coatings, Offshore Temporary Protection Coatings, Offshore Deck Coating, Subsea Coating, Advanced Coating Application Technologies, Decontamination Chemicals, New Pipeline Coating Development, CUI coating, Thermal Insulative Coating, Cathodic Disbondment Mechanism, Coating Blister Mechanism.
Program Schedule

All meetings will be held at the New Orleans Ernest N. Morial Convention Center unless otherwise indicated. Schedule is subject to change. Please refer to ace.ampp.org for updates.

Program Color Legend

- Administrative/Other Meetings
- AMPPTheater
- Contractor-Focused Sessions
- Forums and Workshops
- AMPPiTheater
- Networking
- Symposia, RIP, RTS
- Student Activities
- Case Study Sessions

Program by Primary Type

Coating and Lining Failures: Understanding Common and Unusual Causes of Premature Failures. Learning How to Systematically Solve Them When They Occur

Speaker: Mike O’Brien, MARK 10 Resource Group, Inc.

Coating and lining failures are very costly, but most are preventable. Learn how to avoid premature coating failures by understanding the common causes as shown in over 35 different actual coating failures. When coating failures do occur, it is important to know how to investigate them honestly, objectively and systematically. This informative and practical seminar will provide the tools necessary to understand how to prevent failures and how to investigate when they do occur.

Coating Failures

Chair: Leonard Phelps, Wiss, Janney, Elstner Assoc. (WJE) | Vice Chair: Kimberly Steiner, Wiss, Janney, Elstner Associates, Inc.

This symposium features technical papers on coating failures on a variety of substrates, structures, and in a variety of industries for the purpose of advancing the knowledge and awareness of users, owners, contractors, manufacturers, technical professionals, etc. Example topics include determination of root causes and modes of coating failures, detailing of reasons and mechanisms affecting the coatings failure, investigative approach and stages of analysis, field methods for testing and sampling, and laboratory analyses and methodology. Other examples include case studies concerning paint and coating failures related to surface preparation, application, formulation, mis-specified materials and procedures, incompatibility, processing, upset conditions, and inadequate specifications. Assignment of remedial recommendations, lessons learned, and financial responsibilities are also of interest.

The Passive Fire Protection (PFP) Learning Centre: Advancing PFP Knowledge

Chairs: Cabot Wilkinson, Carboline and Andrew Yarov, AkzoNobel

Presented by: Andrew Yarov, AkzoNobel; Chris Burst and Stuart Bradbury, Carboline Global, Inc.

Passive Fire Protection (PFP) materials, when applied to safety and environmentally critical elements, play a crucial role in safeguarding structures, assets, and lives from the devastating effects of fire whilst offering protection against corrosion, accidental containment releases, and blast overpressures in less-than-temperate climates. Historical material selection methods are still used today, but innovation and construction processes have provided equivalent measures to promote inherently safer practices. To ensure the effectiveness, resiliency, and reliability of PFP materials, proper material selection, inspection, and maintenance are critical to long-term performance.

The PFP Learning Centre aims to equip industry professionals with practical and applicable knowledge. Go to ace.ampp.org for full description of the forum.

Concrete Surface Prep: Challenges and Solutions

Sponsored by SC 12: Concrete Infrastructure

This session will include a panel discussion related to concrete surface prep prior to coating application as well as some best practice.
Program Schedule

All meetings will be held at the New Orleans Ernest N. Morial Convention Center unless otherwise indicated. Schedule is subject to change. Please refer to ace.ampp.org for updates.

<table>
<thead>
<tr>
<th>Program Color Legend</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
</tr>
<tr>
<td>C</td>
</tr>
<tr>
<td>C</td>
</tr>
<tr>
<td>C</td>
</tr>
<tr>
<td>C</td>
</tr>
<tr>
<td>C</td>
</tr>
<tr>
<td>C</td>
</tr>
<tr>
<td>C</td>
</tr>
<tr>
<td>C</td>
</tr>
<tr>
<td>C</td>
</tr>
</tbody>
</table>

Demonstration of Innovative One-Step Corrosion Inhibiting Petrolatum Tape and Presentation about Canada’s Best Kept Secret - A Float Coat Corrosion Inhibitor Used by the Canadian Navy

Speakers: TJ Mead and Erik Bergvinson, Ship 2 Shore Inc.

This session will show a demonstration of a one-step petrolatum tape infused with a corrosion inhibitor that works via polar bonding. Product does not require a primer and remains pliable long term, ensuring lasting long lasting adhesion and allowing for easy inspection of metal surface. Presentation of a float coat application method that stops corrosion and ensures complete coverage via polar bonding. The discharge water in contact with material meets California Environmental Protection Agency Ocean Marine Water Quality Objectives.

How to Gain an Edge with Coatings Contractor Selection

Learn the benefits of specifying and selecting contractors and inspection companies that are QP accredited.

Film Galvanizing System

Speaker: Nasiruddin Humayun, Mosh International Pvt Ltd

This session will cover how the unique the Film Galvanizing system, with active and cathodic protection system, is revolutionizing the mindset of companies in Pakistan.

Industrial Applications of Coatings and Inhibitors – Research in Progress (RIP)

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

This RIP symposium is seeking abstracts that cover coatings and inhibitors utilized in industrial applications (aviation, nuclear, oil and gas, automotive, healthcare, etc.) for corrosion reduction. Mechanisms should be proposed and presented alongside potential impact to the field.

Inspection of Intumescent Coating Projects

Speaker: Russell Norris, Sherwin-Williams

This presentation will discuss the inspection process, including documents, equipment, surface preparation, and the various phases throughout application.

Managing High Standard HVI Projects from Scratch to Hatch: Sharing Lessons Learned from Panamá Subway Expansion Project

Speakers: Juan Caballero and Jeimy Bernal, Naval & Industrial Solutions

Managing high standards high value infrastructure projects can be challenging when you need to adapt your current operations, processes, Quality Systems and organizational culture to meet demanding international standards. In this presentation we will be sharing all lessons learned during surface preparation and coating application activities performed during project execution and how embracing and believing in a top-quality mindset from top executive management to craftworkers in the field can achieve great outcomes. This project presentation aims to demonstrate how following industry best practices and standards can result in a successful project meeting Performance and ROI while protecting public infrastructure and safety.
**Program Schedule**

All meetings will be held at the New Orleans Ernest N. Morial Convention Center unless otherwise indicated. Schedule is subject to change. Please refer to ace.ampp.org for updates.

### Program Color Legend

- Administrative/Other Meetings
- AMPPiTheater
- Contractor-Focused Sessions
- Forums and Workshops
- Informational Track
- Networking
- Standards Committees/ISO
- Technical Communities of Interest
- Symposium, RIP, RTS
- Student Activities
- Workshops
- Case Study Sessions
- Student Activities
- Symposium, RIP, RTS
- Workshops
- Case Study Sessions

### Program by Primary Type

#### Thematic Sessions

- **Thermal and Cold Spray Processes and Applications in Corrosion Mitigation**
  - This symposium features technical papers on all aspects of thermal and cold spray coatings used to mitigate corrosion of metal and reinforced concrete structures in all offshore and onshore environments. The group will also discuss conventional and novel thermal and cold spray coating systems used to prevent corrosion of metal and reinforced concrete structures in all offshore and onshore environments.

- **Using Industrial Tethered Power Wash Drones for Corrosion Prevention and Extension of Coating Life for Industrial Assets**
  - Speaker: Robert Dahlstrom, Apellix
  - Drones have become standard for the visual inspection of industrial assets. Some robotic aerial systems (drones) can physically contact structures during flight for measurements such as wall or coating thickness. Similarly, tethered robotic systems are under development spray paint both protective and architectural coatings. Further, tethered industrial drones can spray chemicals to rinse, wash, and degrease elevated surfaces and even power wash up to 3,000ps with 8-10 GPM. These systems have great potential for fabric cleanliness and maintenance, including mold and mildew remediation, salt and other contamination removals, other cleaning applications, and limited surface prep for coating. Maintaining an asset's surface cleanliness is ESSENTIAL to coating performance and can add years to a coating's useful life. One example of this is the cleaning of elevated water towers in the northeast of the US, demonstrating the ability to extend the time between coating jobs, thus adding 3 to 5 years to the life of the coating. Owners and operators of industrial assets can also claim this value. During the presentation, we discuss these novel power wash systems and identify their uses, benefits, limitations, constraints and disadvantages. We also discuss how these systems help protect your assets and can fit into your operations and maintenance asset management practices.

### Workshops

- **Proper Use of Coatings Inspection Instruments Workshop**
  - Speaker: Bill Corbett and Kimmie Cline, KTA-Tator, Inc.
  - This 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 small teams and use the latest pages and visual guides on sample substrates. Featured at this year’s workshop will be scanning probe/continuous read dry film thickness technology based on the new AMPP Guide 21614.

- **Regulatory Update**
  - Speaker: Alison Kaelin, ABKaelin LLC
  - This session will provide an update on new and upcoming EPA and OSHA regulations, or enforcement actions related to industrial painting and beyond.

- **Surface Preparation**
  - Chair: Dianna To, GMA Garnet; Vice Chair: Rebekah Wilson, US Army Corps of Engineers, Paint Technology Center
  - This symposium features technical papers on surface preparation methods, including abrasives, surface contamination, surface cleanliness, etc. We know that a huge factor of coating failure has to do with surface preparation.

- **Thermal and Cold Spray Coatings**
  - Chair: Shiladitya Paul, TWI Ltd; Vice Chair: Jim Weber, James K. Weber Consulting LLC
  - This symposium features technical papers on all aspects of thermal and cold spray coatings used to mitigate coating 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. Papers on thermal spray coatings of zinc, aluminium and their alloys for corrosion mitigation with relevant field applications would be of great interest to the symposium. Contributions on conventional and novel thermal and cold spray coating systems used to prevent corrosion of metal and reinforced concrete structures in all offshore and onshore environments will be considered.

### AMPP ANNUAL CONFERENCE + EXPO

[ace.ampp.org](http://ace.ampp.org)
Corrosion Management

A Biodegradable Alternative to Standard Industry Corrosion Inhibitors and Antiscalants
Speakers: Tee Mariga, LYGOS
Given the cost and negative environmental implications of some standard antiscalants and corrosion inhibitors, this sustainable solution should be considered a viable biodegradable, non-bioaccumulating alternative input in a water treatment program.

A Holistic Approach in Mitigating Cooling Water Corrosion
Speakers: Kamarulzaman Ahmad Nazrene and Ab Aziz Istazah, Petroliam Nasional Berhad (PETRONAS)
This presentation covers a holistic approach to mitigate corrosion problem in open evaporative cooling water system. The approach encompasses root cause analysis of heat exchanger failure, improvement of chemical treatment program and water chemistry control through discrete control limit methodology, comprehensive equipment inspection to evaluate overall system healthiness, and coaching program to enhance water engineers’ technical capability in operating cooling water system effectively.

Advanced Electrochemical Methods – Research in Progress (RIP)
Chair: Rajeev Gupta, North Carolina State University | Vice Chairs: Sebastian Thomas, Monash University and Ryan Katona, Sandia National Laboratories
This RIP symposium will feature abstracts that cover recent advances made in understanding corrosion using state-of-the-art electroanalytical techniques and also other “real time” or in-situ characterization techniques. The topics of interest include corrosion studies using electro-analytical methods such as Scanning electrochemical microscopy (SECM), Scanning vibrating electrode technique (SVET), Scanning Kelvin Probe Force Microscopy (SKPFM), Scanning droplet cell microscopy (SDCM) and Local electrochemical impedance spectroscopy (LEIS). This session will also cover “real time” spectroscopic methods used in corrosion monitoring such as online inductively coupled plasma-atomic emission spectroscopy (ICP-OES) and in-situ corrosion investigations using either optical, X-ray or electron-based methods.

Advancements and New Applications of Surface Applied and Volatile Corrosion Inhibitors (VCI)
Chair: Jonathon Brekan, Daubert Cromwell | Vice: Dr. Behzad Bavarian, California State University Northridge
This symposium features technical papers on new applications, and technology advancements in organic corrosion inhibitors.

Atmospheric Corrosion – Research in Progress (RIP)
Chair: Raghu Srinivasan, University of Alaska Anchorage | Vice Chair: David Enos, Sandia National Laboratories
This RIP symposium will feature abstracts that cover fundamental studies of materials exposed in atmospheric environments. The abstracts will address the performance, simulation, or prediction aspect of materials in atmospheric environments. Topical phenomena of interest include but are not limited to, galvanic corrosion, localized, and general corrosion. Fundamental aspects of the ongoing research including laboratory experimentation, computational modeling, electrochemical techniques, and mechanistic initiation are welcome. Submissions will include the most recent results, accomplishments, and/or theories.
All meetings will be held at the New Orleans Ernest N. Morial Convention Center unless otherwise indicated. Schedule is subject to change. Please refer to ace.ampp.org for updates.

Program Schedule

**Program Color Legend**
- Administrative/Other Meetings
- AMPP Theatr
- Contractor-Focused Sessions
- Forums and Workshops
- Informational Track
- Networking
- Symposium, RIP, RTS
- Student Activities
- Workshops
- Case Study Sessions

Program by Primary Type

**Electrochemical Techniques for Measuring Corrosion**

**Minimize the Risk of Corrosion Under Insulation – A Complete Systems Approach**

Speaker: Scott Sinclair, Johns Manville

This session will include presentations from industry experts on the elements of a complete systems approach to minimizing the risk of corrosion under insulation (CUI). Areas of discussion will include substrate coatings, corrosion inhibiting insulation chemistry, water repellent/hydrophobic insulation, metal jacketing with multi-directional flow pattern embossing and system inspection and maintenance. There will also be a panel discussion with engineers from leading owner/operators and engineering design firms during which you can ask the experts your questions on this critical issue.

**Data Analytics Information Exchange (TCI)**

**Digital Twins and Modeling – Research in Progress (RIP)**

Chair: Christopher Taylor, DNV GL | Vice Chair: Sujit Mondal, Southeast College

This RIP symposium is seeking abstracts that present new research focused on the simulation of corrosion of assets and materials with high fidelity at various length and time scales in support of creating "digital twins" of assets that may undergo degradation in service environments. Both fundamental/science-based models for corrosion and data-driven methods are invited. Papers that present research into the use of real-time monitoring and/or sensing to feed into digital representations and lifecycle predictions are also welcome.

**Electrochemical Techniques for Measuring Corrosion**

Chair: Dr. Jeremy Moloney, ChampionX | Vice Chair: Dr. Fernando Farelas, Luna Labs

The primary objectives of this information exchange are (1) To facilitate effective use of electrochemical techniques for corrosion measurement and monitoring (2) To increase the understanding of some of the subtle issues that arise when using electrochemical techniques in corrosion and corrosion control.

*"Introduction to Polarization Resistance and Electrochemical Impedance Spectroscopy”*  
Presented by Dr. Jacob Ketter (Gamry Instruments)

*"Conducting Potentiodynamic Sweeps in Weak Acid Systems”*  
Presented by Dr. Bruce Brown (Ohio University)

**Environmental Assisted Cracking (EAC)**

**Environmental Assisted Cracking and Hydrogen Embrittlement – Research in Progress (RIP)**

Chair: Brendy Rincon Troconis, University of Texas at San Antonio | Vice Chair: Thodha Ramgopal, DNV GL

This RIP symposium is seeking abstracts that present new research and/or case studies that address various aspects of environmentally assisted cracking and hydrogen embrittlement. The focus is primarily, but not limited to, cracking of stainless steels, magnesium, aluminum, nickel, additive manufactured, high entropy alloys and conventional or newly developing corrosion resistant alloys (CRAs). Studies related to the interaction 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 welcomed. Emphasis will be placed on presenting the latest research findings and ongoing investigations.

**Failures of Corrosion Resistant Alloys Resulting from Hydrostatic Testing Prior to Commissioning**

Chair: Janardhan Saithala, Mohammed Ghafri, Talal Nahhani, PDO, and Monica Fernandez, Repsol

Hydrostatic testing is a critical pre-commissioning activity that ensures the asset is fit for purpose. However, there is a risk of internal corrosion during hydrotesting and commissioning if an inadequate chemical treatment or none at all is carried out. This session aims to present several case studies or historical failures due to non-compliance by sharing best practices for chemical treatment and ensuring success.

**Gaseous Hydrogen Embrittlement**

Chair: Marco De Marco, Italian Institute of Welding | Vice Chair: Marco Palombo, H2 IS Sider

With a perspective view to asset reliability in the new developing energy scenario, this symposium features technical papers on the study of the hydrogen-metal interaction related to the properties of 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 industries.

**Guided Wave Enhanced Corrosion Monitoring**

Speaker: Rhett O’Briant, Guided Ultrasensics Limited

Guided wave technology has served as an integral component of pipeline inspection and integrity management programs for over 20 years and is now acknowledged within US pipeline safety regulations as an approved integrity assessment method for gas pipelines. Guided wave screening systems have been widely utilized to locate areas of corrosion in difficult-to-inspect applications where other integrity assessment methods such as inline inspection or hydrostatic test are considered infeasible. This proven technology can now be deployed to remotely and autonomously monitor lengths of pipe in high-risk areas for internal and external corrosion.
Program Schedule

All meetings will be held at the New Orleans Ernest N. Morial Convention Center unless otherwise indicated. Schedule is subject to change. Please refer to ace.ampp.org for updates.

Program Color Legend
- Administrative/Other Meetings
- AMPPTI Theater
- Contractor-Focused Sessions
- Forums and Workshops
- Informational Track
- Networking
- Symposium, RIP, RTS
- Technical Communities of Interest
- Workshops
- Student Activities
- Case Study Sessions

#AMPP2024 ace.ampp.org

Program by Primary Type

Microbiologically Influenced Corrosion (in Honor of Brenda Little) – Research Topical Symposium (RTS)
Chair: Jason Lee, Naval Research Laboratory | Vice Chair: Chelsea Monty-Bromer, Corrolytics
This RIPS symposium will showcase the latest research and development in the field of Microbiologically Influenced Corrosion (MIC). This symposium will provide a platform for researchers, engineers, and industry professionals to present their work on material degradation, biocide efficacy, mechanistic processes, field samples, testing, and case studies related to MIC; MIC in various industries; MIC detection and monitoring, MIC processes; Molecular microbiology methods (MMM), metagenomics, transcriptomics, and proteomics; for understanding the microbial communities involved in MIC; including sampling and analysis, as well as case studies of MIC in real-world situations; MIC in cathodic protection systems; and MIC mitigation.

Modernization of Corrosion and Coating Research
Chair: Rebekah Wilson, US Army Corps of Engineers | Vice Chair: Carolyn Ortiz, US Army Corps of Engineers
This session will focus on nonconventional methods developed or utilized in research that have, or will, advance the way corrosion and coating R&D is conducted. This can include, but not limited to, innovative analysis platforms, machine learning, data analytics, software development, or efforts to improve accuracy/precision/efficiency of established standards.

Monitoring, Measuring, and Inspection Information Exchange (TCI)

New Applications of Electrochemical Impedance Spectroscopy (EIS) across the Corrosion Industry
Chair: Lake Barrett, KTA-Tator | Vice Chair: Robert Leggat, KTA-Tator
The use of Electrochemical Impedance Spectroscopy (EIS) as a means to evaluate high performance coatings systems in the corrosion industry for decades. This session will begin with an overview of the history and fundamentals of EIS, but will quickly transition into the latest uses of EIS in the field rather than just the laboratory environment. This session will address the cutting edge utilization of EIS for engineers, coating manufacturers, raw material suppliers and consultants.

New Methods and Test Methodologies for Understanding Corrosion and Scaling Inhibition
Information Exchange (TCI)

Recent Experiences with Austenitic and Duplex Stainless Steels
Chair: Lena Wegrelius, Outokumpu Stainless AB | Vice Chair: Nicole Kinsman, International Molybdenum Association
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.

Robotic Inspection Information Exchange (TCI)

SC 08 - Metallic Material Selection & Testing
SC 13 - Corrosion Monitoring & Measurement
SC 20 - Internal Corrosion Management
SC 22 - Biodeterioration
Program Schedule

All meetings will be held at the New Orleans Ernest N. Morial Convention Center unless otherwise indicated. Schedule is subject to change. Please refer to ace.ampp.org for updates.

Program Color Legend
- Administrative/Other Meetings
- AMPPiTheater
- Contractor-Focused Sessions
- Forums and Workshops
- AMPPiTheater
- Networking
- Symposia, RIP, RTS
- Student Activities
- Workshops
- Case Study Sessions

Oil & Gas

The X-Factor to Reduce Cost in Abrasive Blasting Projects
Speaker: Charlie Gooden, BlastOne International
Productivity hacks for Blasting projects. The X factor that could make the difference between making or losing money on your next project.

Workshop: Water Hammer, Water Main Breaks, CUI, SCC, and Explosions in Piping
Speaker: Robert A. Leishear, PhD, Leishear Engineering, LLC
Water hammers induce thousands of cracks per foot in pipes and compress flammable gases to ignite explosions in piping systems. The basic principles of water hammer, dynamic stresses, cracking, fracture mechanics, and crevice corrosion cracking will be discussed. The implications of this new technology and ground-breaking research are discussed with respect to gas pipeline explosions, water main breaks, and piping failures.

Defense

Military Coatings and Corrosion
Chair: Patrick Cassidy, Elyzal Technology Corp | Vice Chair: Charles White, NSWC Carderock
This symposium features technical papers on updates on the latest and greatest in corrosion control for the Military.

SC 07 - Defense & Aerospace

Corrosion Challenges Associated with Hydrotesting, Mothballing, Preservation and Stagnant Water
Chair: Krista Heidersbach, Phillips 66 | Vice Chair: Jodi Wrangham, Baker Hughes
This symposium will explore all corrosion challenges and protective solutions associated with stagnant water. In industry, these challenges are often a result of hydrotesting, mothballing or preservation for new or existing projects. The symposium is open to other challenges from stagnant water as well.

Corrosion Control with Inhibition between Oil and Gas
Chair: Yao Xiong, ExxonMobil | Vice Chair: Carlos Menendez, Baker Hughes
This symposium will feature papers that study the application of corrosion inhibitors and/or scale/deposit corrosion combination inhibitors and their mechanisms of inhibition.

Facilities Integrity
Chair: Michael Snow, Enbridge Liquid Pipelines | Vice Chair: Alyn Jenkins, Schlumberger
This symposium features technical papers on the management of corrosion, process safety, and assets related to Facilities for oil and gas midstream, upstream and downstream.

Flow Assurance in Oil and Gas Productions
Chair: Qiwei Wang, Saudi Aramco | Vice Chair: Chunfang Fan, Schlumberger
This symposium features papers on flow assurance issues which is critical for the safe, lower carbon, and sustainable oil and gas recovery and processing. The focus will be the recent advancements in understanding and technical solutions related to corrosion, scale and other oilfield chemistry challenges in hydrocarbon production and transportation, covering modeling, laboratory study, chemical treatment, field applications, and monitoring technologies.

How To Accurately Determine Percent Ferrite In The HAZ Of Welded Duplex Stainless Steels
Speaker: Joseph Quinn, Materials FACT
A new method was developed to accurately determine the percent ferrite in the HAZ using a very practical metallographic technique.

Inhibitors Information Exchange (TCI)

ISO 15156 Rewrite Status Update
All meetings will be held at the New Orleans Ernest N. Morial Convention Center unless otherwise indicated. Schedule is subject to change. Please refer to ace.ampp.org for updates.

## Program Schedule

### Program Color Legend

- **A**: Administrative/Other Meetings
- **F**: Forums and Workshops
- **M**: Meetings
- **O**: Oil & Gas HF Alkylation Information Exchange (TCI)
- **P**: Progress in Laboratory Testing of Corrosion Inhibitors for Oil Field Application
- **R**: SC 14 - Oil & Gas-Upstream
- **S**: SC 15 - Pipelines & Tanks
- **T**: SC 16 - Oil & Gas-Downstream
- **W**: Workshops
- **X**: Case Study Sessions
- **Y**: Technical Communities of Interest
- **Z**: Standards Committees/ISO

### Program by Primary Type

#### Materials and Integrity in Oil Sands
**Chair:** Duane Serate, Suncor Energy Inc. | **Vice Chair:** Matthew Krantz, Innotech Alberta

This symposium features technical papers on oil sands industry from owner-operators, vendors, consultants, and researchers. Area of interest include (but not limited to) corrosion, failures, wear, process, material selection, asset integrity, and can be related to steam-assisted gravity drainage, down-hole, mining, extraction, and other surface equipment/facilities e.g., upgrading and other top-side facilities.

#### Non-Metallics Materials for Corrosion Control in Chemical Processing and Oil and Gas Production
**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 controlling corrosion in chemical processing and oil and gas industries.

#### Oil & Gas Corrosion and Scale Inhibition - Drilling and Production Information Exchange (TCI)

- **Oil & Gas Corrosion and Scale Inhibition - Drilling and Production Information Exchange (TCI)**
- **Oil & Gas HF Alkylation Information Exchange (TCI)**
- **Oil & Gas Materials Selection and Metallurgy Information Exchange (TCI)**
- **Oil & Gas Materials Selection and Metallurgy Test Methods Learnings Information Exchange (TCI)**
- **Oil & Gas New Methodologies for Inhibition Development Information Exchange (TCI)**
- **Oil & Gas Non-metallics and Coatings Information Exchange (TCI)**
- **Oil & Gas Petroleum Refining and Gas Processing Information Exchange (TCI)**
- **Oil & Gas Recent Developments for High Temperature Corrosion and Scaling Inhibition Information Exchange (TCI)**

#### Oil Refining Industry Corrosion
**Chair:** Nathaniel Sutton, The Equity Engineering Group | **Vice Chair:** Jeff Goldstein, Quest Integrity

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, etc.

### Technical Communities of Interest

- **SC 09 - Non-metallic**
- **SC 10 - Asset Integrity Management**
- **SC 14 - Oil & Gas-Upstream**
- **SC 15 - Pipelines & Tanks**
- **SC 16 - Oil & Gas-Downstream**

### Focus Areas

- **Oil Refining Industry Corrosion**
- **Pipeline Integrity**
- **Pipeline Crossings: Steel-Cased, Thrust-Bored, and HDD**
- **PHMSA Pipeline Safety Forum**
- **Progress in Laboratory Testing of Corrosion Inhibitors for Oil Field Application**
- **Sweet and Sour Corrosion**
- **Tanks Information Exchange (TCI)**
- **TC 10 Pipelines Technical Committee**
Program Schedule

All meetings will be held at the New Orleans Ernest N. Morial Convention Center unless otherwise indicated. Schedule is subject to change. Please refer to ace.ampp.org for updates.

Program Color Legend

<table>
<thead>
<tr>
<th>Color</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC</td>
<td>Case Study Sessions</td>
</tr>
<tr>
<td>CS</td>
<td>Contractor-Focused Sessions</td>
</tr>
<tr>
<td>W</td>
<td>Workshops</td>
</tr>
<tr>
<td>F</td>
<td>Networking</td>
</tr>
<tr>
<td>S</td>
<td>Symposia, RIP, RTS</td>
</tr>
<tr>
<td>T</td>
<td>Technical Communities of Interest</td>
</tr>
<tr>
<td>A</td>
<td>Administrative/Other Meetings</td>
</tr>
<tr>
<td>I</td>
<td>Informational Track</td>
</tr>
<tr>
<td>SA</td>
<td>Student Activities</td>
</tr>
<tr>
<td>AMPPi</td>
<td>AMPP ANNUAL CONFERENCE + EXPO</td>
</tr>
<tr>
<td>SI</td>
<td>Symposia, RIP, RTS</td>
</tr>
<tr>
<td>SA</td>
<td>Student Activities</td>
</tr>
<tr>
<td>AMPPi</td>
<td>AMPP ANNUAL CONFERENCE + EXPO</td>
</tr>
</tbody>
</table>

Program by Primary Type

Case Study Sessions

**Successfully Navigating the Federal Procurement Process**

**Speaker:** Greg Redick, Potomac Redan Associates, LLC

We will discuss the benefits implementing ISO standards, cybersecurity, and related standards. We will talk about the benefits of implementing a quality management system for those companies that are not already certified.

**Lessons Learned from Unethical Behavior in the Corrosion Management Profession**

**Speaker:** Kyle Payne, PhD, Collins Engineers

This presentation will provide an overview of key lessons learned from scholars and practitioners about unethical behavior in the corrosion management profession. Dr. Payne will draw upon research in the field of business ethics and industry case studies. Participants will leave the session having identified specific actions they can take to mitigate the risk of unethical behavior affecting their projects.

**My Brain Made Me Do It**

**Speaker:** Justin Ganschow, Caterpillar Safety Services

There’s more than meets the eye when an incident occurs. When we understand the drivers of human behavior, how the brain works, and how to use biology to our advantage, it’s easier for us to understand the connection between people and performance. Through specific examples and personal experiences, the presenter will help you achieve an understanding of the psychological mechanics behind risk assessment, human reaction and communicating in a way people will pay attention.

**My Brain Made Me Do It**

**Speaker:** Justin Ganschow, Caterpillar Safety Services

There’s more than meets the eye when an incident occurs. When we understand the drivers of human behavior, how the brain works, and how to use biology to our advantage, it’s easier for us to understand the connection between people and performance. Through specific examples and personal experiences, the presenter will help you achieve an understanding of the psychological mechanics behind risk assessment, human reaction and communicating in a way people will pay attention.

**Corrosion in Nuclear Systems**

**Chair:** Sheewa Feng, Hartford Laboratory Management and Integration, LLC | **Vice Chair:** Joseph Turnbull, CNL Clark

This symposium will feature technical papers on material corrosion related issues encountered in nuclear waste and spent fuel storage and disposal, generation of nuclear power energy in light, heavy and advanced nuclear power reactors, and plants.

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

**Chair:** Sheewa Feng, Hartford Laboratory Management and Integration, LLC | **Vice Chair:** Joseph Turnbull, CNL Clark

This symposium will feature technical papers on material corrosion related issues encountered in nuclear waste and spent fuel storage and disposal, generation of nuclear power energy in light, heavy and advanced nuclear power reactors, and plants.

**Power and Process**

**Corrosion in Nuclear Systems**

**Chair:** Sheewa Feng, Hartford Laboratory Management and Integration, LLC | **Vice Chair:** Joseph Turnbull, CNL Clark

This symposium will feature technical papers on material corrosion related issues encountered in nuclear waste and spent fuel storage and disposal, generation of nuclear power energy in light, heavy and advanced nuclear power reactors, and plants.

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

**Chair:** Sheewa Feng, Hartford Laboratory Management and Integration, LLC | **Vice Chair:** Joseph Turnbull, CNL Clark

This symposium will feature technical papers on material corrosion related issues encountered in nuclear waste and spent fuel storage and disposal, generation of nuclear power energy in light, heavy and advanced nuclear power reactors, and plants.

**ISO Certification to Improve Products Quality and Processes**

**Speakers:** Drew Markley and Kevin Metz, Core Business Solutions, Inc.

We will discuss the benefits implementing ISO standards, cybersecurity, and related standards. We will talk about the benefits of implementing a quality management system for those companies that are not already certified.

This track includes sessions that are applicable to multiple industries.

**AMPP Valuing Voices Breakfast and Forum**

**Chairs:** Kailey Dharam, Dairyland; Mary Macedo, Ascensus Specialties; and Kelsey May, MESA

On a mission to build an inclusive community of excellence where every voice is valued, the AMPP Valuing Voices Forum will provide an opportunity for AMPP members to learn about topics like the importance of diversity in growing our industry, the power of inclusion, and the role of leadership in creating a people-first environment. The forum will follow a breakfast.

**Alternative Access - Changing the Pace for at Height Projects**

**Speaker:** Manny Williams, Acuren

This presentation will explore how alternative access solutions, such as rope access, can improve safety, efficiency and cost-effectiveness for at-height projects. We will discuss the benefits and drawbacks of various access methods and highlight how rope access can provide a practical and versatile solution for a wide range of projects. Through real-world examples, we will demonstrate how alternative access solutions can change the pace of at-height projects, improving productivity and profitability.

**Cable Fault Locating**

**Speaker:** Walter Copenhaver

This session will discuss the history of cable fault locating, review cable fault locating instructions, and guidelines to locate the most difficult faults.

**Confined Space Workshop**

**Chair:** Charles Brown, Greenman-Pederson, Inc. | **GPI**

Confined space in the construction industry and the changing nature of construction activities and work sites differ from the static nature of general industry locations, which needs a different set of safety rules concerning confined space entry and rescue.

**Hazardous Area Static Control in Classified Areas**

**Speaker:** Richard Puig, Newsom Gale

This session will review of static electricity and the need for protection in industry. It will also discuss the guidance provided by NFPA 77 and the options available in the market to improve safety in static control, and it will review monitoring systems with interlocks for process control.

**Fencing in the Nuclear Industry**

**Speaker:** Joseph Turnbull, CNL Clark

This session will review the options available in the market to improve safety in static control, and it will review monitoring systems with interlocks for process control.

**Storage and Disposal**

**Speaker:** Kevin Metz, Core Business Solutions, Inc.

On a mission to build an inclusive community of excellence where every voice is valued, the AMPP Valuing Voices Forum will provide an opportunity for AMPP members to learn about topics like the importance of diversity in growing our industry, the power of inclusion, and the role of leadership in creating a people-first environment. The forum will follow a breakfast.

**Moving from Research to Practice**

**Speaker:** Greg Redick, Potomac Redan Associates, LLC

We will discuss the benefits implementing ISO standards, cybersecurity, and related standards. We will talk about the benefits of implementing a quality management system for those companies that are not already certified.

**Lessons Learned from Unethical Behavior in the Corrosion Management Profession**

**Speaker:** Kyle Payne, PhD, Collins Engineers

This presentation will provide an overview of key lessons learned from scholars and practitioners about unethical behavior in the corrosion management profession. Dr. Payne will draw upon research in the field of business ethics and industry case studies. Participants will leave the session having identified specific actions they can take to mitigate the risk of unethical behavior affecting their projects.

**My Brain Made Me Do It**

**Speaker:** Justin Ganschow, Caterpillar Safety Services

There’s more than meets the eye when an incident occurs. When we understand the drivers of human behavior, how the brain works, and how to use biology to our advantage, it’s easier for us to understand the connection between people and performance. Through specific examples and personal experiences, the presenter will help you achieve an understanding of the psychological mechanics behind risk assessment, human reaction and communicating in a way people will pay attention.

**Corrosion in Nuclear Systems**

**Chair:** Sheewa Feng, Hartford Laboratory Management and Integration, LLC | **Vice Chair:** Joseph Turnbull, CNL Clark

This symposium will feature technical papers on material corrosion related issues encountered in nuclear waste and spent fuel storage and disposal, generation of nuclear power energy in light, heavy and advanced nuclear power reactors, and plants.

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

**Chair:** Sheewa Feng, Hartford Laboratory Management and Integration, LLC | **Vice Chair:** Joseph Turnbull, CNL Clark

This symposium will feature technical papers on material corrosion related issues encountered in nuclear waste and spent fuel storage and disposal, generation of nuclear power energy in light, heavy and advanced nuclear power reactors, and plants.
Program Schedule

All meetings will be held at the New Orleans Ernest N. Morial Convention Center unless otherwise indicated. Schedule is subject to change. Please refer to ace.ampp.org for updates.

Program Color Legend

- A: Administrative/Other Meetings
- F: Forums and Workshops
- M: Materials for Geothermal Applications
- N: Networking
- S: Symposium, RIP, RTS
- W: Workshops
- CS: Case Study Sessions
- AMPPTheater
- AMPPiTheater
- AMPP Convention Center
- Networking
- Technical Communities of Interest
- Standards Committees/ISO
- Student Activities
- Informational Track

Program by Primary Type

Geothermal Scaling and Corrosion
Chair: Helmuth Samiento Klapper, Baker Hughes | Vice Chair: Signur 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.

High Temperature Materials and Corrosion
Chair: Bingtao Li, Haynes International | Vice Chair: Rishi Pillai, Oak Ridge National Laboratory
The High-Temperature Materials and Corrosion Symposium will feature abstracts/papers showcasing the experience and development in testing, in-service case study, experimental framework and computation-assisted modeling of alloys and coatings for operation at temperatures of 400°C and above. The focus of this symposium is on material property and performance, corrosion behavior and mechanism, corrosion modeling and prediction, material characterization, failure analysis, alloy and coating development and practice in relevance to power generation including nuclear, fossil, and renewables, industrial heating, refining, chemical and petrochemical, solar energy and battery, supercritical fluid application, molten salt reactor, etc.

Inorganic Scales Mitigation
Chair: Qiwei Wang, Saudi Aramco | Vice Chair: Tao Chen, Saudi Aramco
This symposium will feature papers discussing inorganic mineral scale control in various industrial processes, such as cooling and heating, membrane separation, geothermal energy recovery, power generation, pulp and paper production, and wastewater treatment. The main focus will be on new advances on fundamental understanding of scaling process, novel lab test method, new inhibitor chemistry, inhibitor performance, deposition detection and monitoring, as well as innovative descaling and non-chemical prevention techniques.

Materials for Geothermal Applications
Speakers: John Grocki and Gary Coates, Nickel Institute
This session will discuss developing data on materials performance in geothermal power generation and heating systems.

Process Industries - Materials Applications and Experiences Informational Exchange (TCI)

SC 06 - Process Industries
SC 11 - Electric Power
SC 21 - Mining & Mineral Processing

Sustainability

Carbon Capture and Storage Information Exchange (TCI)

Corrosion in Carbon Capture, Transportation, Utilization and Storage (CCTUS)
Chair: Yuan Ding, Texas A&M Engineering Experiment Station | Vice Chair: Bjorn H. Morland, Institute for Energy Technology
This symposium will present technical papers that address the measurement, mechanism, or assessment of corrosion in carbon capture and storage system, including carbon dioxide and other impurities present in the process.

Corrosion in the Biofuel and Biomass Industry
Chair: Sandra Le Manchet, ArcelorMittal-Industeel USA LLC | Vice Chair: Jean Kittle
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.

EAPA Seminar on Carbon Capture Storage and Geothermal
Chair: Bei Gu, AMPP
This symposium will discuss corrosion issues and material recommendation considerations for carbon capture storage (CCS) and geothermal applications.

Hydrogen and Emerging Fuels
Chair: Saba Esmaeely, DNV GL | Vice Chair: Joe Ronevich, Sandia National Lab
This session covers different topics related to hydrogen and hydrogen natural gas blend pipeline and production on both transmission and distribution side.

Implementing Successful Material Sustainability and Material Stewardship Practices
Chair: Sandy Williamson, Williamson Integrity Services Ltd. | Vice Chair: Elaine Bowman, AMPP
This symposium features technical papers on material sustainability and material stewardship practices are becoming increasingly important for today’s organizations. This symposium will aim to present the concepts of Materials Sustainability and Materials Stewardship within the Circular Economy as additional principles to consider within Corrosion Management best practices. A number of organizations will be invited to present case histories of implementing materials sustainability and materials stewardship.
Program Schedule

All meetings will be held at the New Orleans Ernest N. Morial Convention Center unless otherwise indicated. Schedule is subject to change. Please refer to ace.ampp.org for updates.

Program by Primary Type

Program Color Legend
- Administrative/Other Meetings
- AMPP Theater
- Contractor-Focused Sessions
- Forums and Workshops
- Informational Track
- Networking
- Symposium, RIP, RTS
- Standards Committees/ISO
- Technical Communities of Interest
- Workshops
- Case Study Sessions

Reliability, Integrity and Sustainability in Construction and Infrastructure (Concrete/Pipelines) – Research in Progress (RIP)
Chair: David Bastidas, University of Akron | Vice Chair: Jozef Soltis, MACAW Engineering Ltd
This RIP symposium will feature abstracts that cover the gathering of current research and future trends on reliability, integrity and sustainability in construction and infrastructure sectors. As we progress in growing a circular economy, novel strategies are required to address the sustainability challenge on resilient infrastructure solutions towards achieving net-zero emissions and reducing carbon footprint.

Topics related to corrosion mitigation and prevention in the broader area of asset structural integrity and reliability will be presented, including those addressing construction sector, off-shore an on-shore facilities and pipeline infrastructure, industrial plants, building and architecture, and engineering structures among others. Our intention is to cover different angles of materials protection and performance for sustainable development. Ideally, we want to provide a sharing platform for the research work involving electrochemical and surface characterization techniques, interface mechanisms related to localized and uniform corrosion, environmentally assisted cracking, preferential weld corrosion, cathodic protection and interference, corrosion inhibitors and chemical treatments, additive manufacturing, new corrosion monitoring techniques, modeling and simulation. Furthermore, communications of high interest include experimental and computational analyses (data analytics, machine learning, artificial intelligence, etc.) applied to materials and/or assets performance and lifetime prediction, addressing sustainable development.

Renewable Energy Information Exchange (TCI)

SC 26 - Carbon Capture, Alternative Fuels, and Energy Storage

Transportation

Bridge Coatings Forum
Chair: Tony Serdenes, Greenman-Pedersen, Inc. | GPA
Panel Presentation on current practices and emerging technologies covering surface preparation, coating application, and environmental controls.

Concrete Reinforcement: Metallic and Nonmetallic Options for More Durable Concrete Solutions
Chair: Stephen Sharp, Virginia Department of Transportation | Vice Chair: Neal Berke, Tourney Consulting Group
This topic will cover the pros and cons of metallic (steels including stainless and coated) and nonmetallic (fiber reinforced polymer “FRP”) options that can be used to reinforce concrete and make it more corrosion resistant, and thus more durable.

Program Schedule

All meetings will be held at the New Orleans Ernest N. Morial Convention Center unless otherwise indicated. Schedule is subject to change. Please refer to ace.ampp.org for updates.

Corrosion and Coatings in Automotive Industry
Chair: Federico Bertasi, Bremo SpA | Vice Chair: Massimiliano Bestetti, Bremo SpA
This symposium features technical papers on corrosion phenomena in the 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 on new materials, new characterization techniques, innovative approaches, case studies and failure analyses are encouraged.

Corrosion of Reinforced Concrete Structures: Coatings and Concrete
Chair: Samanbar Permeh, Florida International University | Vice Chair: Kingsley Lau, Florida International University
This symposium features technical papers on corrosion of rebar lead to structural degradation of reinforced concrete systems in the civil infrastructure. Field practice and research continue to better understand the problem and provide effective practical solutions. This session is intended to provide a forum for practitioners and researchers in the technical areas of reinforced concrete and coatings to disseminate information and provide practical solutions for corrosion of the aging civil infrastructure.

Fall Protection Workshop
Chair: Charles Brown, Greenman-Pedersen, Inc. | GPA
This workshop will review what owners, contractors and safety personnel need to know in order to comply with the OSHA 1926.500 Fall Protection regulations. The instructor discusses regulations and safe operating procedures for aerial lift/bucket/ under bridge access equipment, definitions of fall prevention, fall restraint and fall arrest, the different requirements of fall protection, recognizing hazards regarding fall protection, inspection of fall arrest equipment, anchorage points and training requirements. A discussion on various types of safety equipment for fall protection will complete the workshop.

Performance of Materials And Coatings In Marine Environments
Chair: Moavin Islam, Corrosion Forensics LLC | Vice Chair: Yoon-Seok Choi, Kuwait Institute for Scientific Research
This symposium will address the performance of recently developed metallic and non-metallic materials as well as coatings in aqueous and atmospheric marine environments. Papers will discuss surface preparation techniques for marine coatings as well as on microbiological induced corrosion (MIC) issues in seawater.

Reducing Car Corrosion in the Brine Treatment of Winter Roads
Speaker: Matthew Bernhart, ITALMATCH USA
Anti-icing involves placing a layer of brine on the surface of the pavement before a winter storm has begun to prevent snow and ice from freezing to the road. This case study looks at the effect of adding a corrosion inhibitor to a treatment brine.

SC 12 - Concrete Infrastructure
SC 17 - Rail & Land Transportation
SC 19 – Maritime
# Program Schedule

All meetings will be held at the New Orleans Ernest N. Morial Convention Center unless otherwise indicated. Schedule is subject to change. Please refer to ace.ampp.org for updates.

<table>
<thead>
<tr>
<th>Program Color Legend</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administrative/Other Meetings</td>
</tr>
<tr>
<td>AMPPiTheater</td>
</tr>
<tr>
<td>Contractor-Focused Sessions</td>
</tr>
<tr>
<td>Forums and Workshops</td>
</tr>
<tr>
<td>Informational Track</td>
</tr>
<tr>
<td>Networking</td>
</tr>
<tr>
<td>Symposia, RIP, RTS</td>
</tr>
<tr>
<td>Student Activities</td>
</tr>
<tr>
<td>Workshops</td>
</tr>
<tr>
<td>Case Study Sessions</td>
</tr>
<tr>
<td>Standards Committees/ISO</td>
</tr>
<tr>
<td>Technical Communities of Interest</td>
</tr>
</tbody>
</table>

### West Virginia Parkway Authority Using Polysiloxane on Chuck Yeager Bridge

**Speaker:** James Moore, HNTB

West Virginia Parkway Authority using a polysiloxane coating system in a unique way. We have a set of twin bridges where Southbound has a Navy Blue and Northbound has a Gold. Chuck Yeager Bridge is the only bridge in WV that sports official state colors.

### Transportation and Infrastructure Committee Information Exchange (TCI)

### Water and Wastewater

#### AMPP and AWWA: Synergy in Water/Wastewater Infrastructure Sustainability Through Optimization of Life Cycle Costing via Corrosion Control

**Chair:** Amir Eliezer, AMPP Chair | Vice Chair: Randy Moore, AWWA Vice President and Tnemec Co., Inc.

A joint workshop between AMPP and AWWA to discuss common approaches and synergies to reach water/wastewater infrastructure asset management and sustainability goals by optimizing life cycle costs through proper corrosion control strategies. Both AMPP and AWWA have several useful publications that will be discussed offering helpful strategies for water/wastewater infrastructure asset management service life extension which results in lowest life cycle costs and most sustainable solutions.

#### Case History from Four Viewpoints

**Chair:** Heather Stiner

That session will have 4 different speakers about a specific case history within the water/wastewater market segment. The four viewpoints will be Owner/Engineer, Contractor, Inspector and Coating Manufacturer.

#### Corrosion and Corrosion Control in the Water and Wastewater Industry

**Chair:** Michael J. Szegis, EN Engineering, LLC | Vice Chair: Samuel J. Thomas, Liberty Coating Company, LLC

This symposium features technical papers on a wide range of innovative and effective corrosion control methods would be presented for multiple pipe materials and treatment facilities.

#### SC 18 - Water & Wastewater

### Meetings

The meetings and activities below do not necessarily fall under one specific track and/or cover a broader audience.

- **Accreditation Program Committee (APC)**
- **Advocacy and Public Affairs Program Committee**
- **AMPP Board Meeting**
- **AMPP Certification Cardholders Professional Development**
- **AMPP Global Center Board Meeting**
- **AMPP Sister Society Meeting and Reception**
- **Awards Program Committee**
- **Certification Program Committee**
- **cKit™ Training for AMPP Members**
  - AMPP members are invited to a drop-in event to be introduced to the cKits (Corrosion Toolkit) and the experiments included in it. There will be experiments on display, along with a master instructor to help guide you through the kit, how it can be used locally in your community, and how to help conduct the experiments. Please reserve some time on your AMPP 2024 calendar! For more information, contact Brandy Adams at +1 281-228-6478 or brandy.adams@ampp.org.

- **Conferences and Events Program Committee**
- **CORROSION Journal Editorial Board**
- **Education Program Committee Meeting**
- **EMERG Program Committee**
- **Ethics and Professional Practice Committee**
- **ISO TC 35 US TAG**
- **ISO TC 156 US TAG**
- **Joint Accreditation Program Committee Meeting**
- **Keynote**

A40 AMPP ANNUAL CONFERENCE + EXPO

#AMPP2024

ace.ampp.org
Program Schedule

All meetings will be held at the New Orleans Ernest N. Morial Convention Center unless otherwise indicated. Schedule is subject to change. Please refer to ace.ampp.org for updates.

Program by Primary Type

Program Color Legend

1. Administrative/Other Meetings
2. Informational Track
3. Standards Committees/ISO
4. AMPPT Theater
5. Networking
6. Technical Communities of Interest
7. Contractor-Focused Sessions
8. Symposia, RIP, RTS
9. Workshops
10. Forums and Workshops
11. Student Activities
12. Case Study Sessions

Member Leadership Development Program
- Member Leadership Development Program
- Membership Program Committee
- MP Editorial Advisory Board
- OSHA Task Force
  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.

Publications Program Committee Meeting
- Publications Program Committee Meeting
- QP 3 Subcommittee Meeting
- QP 5 Subcommittee Meeting
- QP Core Subcommittee Meeting
- QP General Subcommittee Meeting
- Research Program Committee Meeting
- Standards Committees Training
- Standards Program Committee
- Technical Program Informational Meeting

Student Activities

- **EMERG Student Camp**
  A day-long camp for local high school students will be held in conjunction with 2024. Local students from New Orleans area high schools will participate in hands-on, coatings and corrosion activities. Using eKit (AMPP Corrosion Toolkit), 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 2024 show floor.

- **EMERG Student Lunch Meeting**
  Discuss career development opportunities, current industry topics, innovations, issues, and trends while networking and making connections with a diverse group of students and young professionals from around the world.

- **SYP Coaching Sessions**
  The EMERG Student Outreach Program is offering Students and Young Professionals under the age of 30 the opportunity to sign up for a 30-minute career coaching session with an industry expert. Whether you’re just starting out in the industry, preparing for an upcoming interview, or need some insight or direction with your career goals, the volunteer coaches are there to help you navigate and explore your career aspirations and challenges to achieve success! If you are interested in volunteering as a career coach at AMPP 2024, please contact Heather Lowry at +1 281-228-6205 or heather.lowry@ampp.org.

- **Student Poster: Orientation, Poster Viewing Sessions, Poster Session Awards Ceremony**
  Chair: Thu Addis, BP | Vice Chair: Christopher Alexander, USF

- **SYP Unplugged**
  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.
Program Schedule

All meetings will be held at the New Orleans Ernest N. Morial Convention Center unless otherwise indicated. Schedule is subject to change. Please refer to ace.ampp.org for updates.

Networking Events

1. AMPP Cares | cKit Building Event

2. AMPP Career Fair
   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. Please contact EMERG at emerg@ampp.org for additional details.

3. CoatingsPro’s Contractor Awards
   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.

4. Darrel D. Byerley & Phil Calvo Memorial Golf Tournament
   Start your busy week off with a fun and relaxing round of golf while networking with other conference attendees and industry professionals. The pristine South Course at Bayou Oaks features 18 holes of championship golf in New Orleans City Park. All proceeds will support the EMERG Student Outreach program.

5. Networking Events

   - **Signature Sponsor:**
   - **Hole-in-One Sponsor:**
   - **Beverage Cart Sponsor:**
   - **Gold Sponsor and Station Sponsor:**
   - **Longest Drive Sponsor:**
   - **Station Sponsors:**
   - **Pin Flag Sponsors:**

   - **Breakfast Sponsor:**
   - **Lunch Sponsor:**
   - **Awards Sponsor:**

6. Exhibit Hall Grand Opening

Program Schedule

All meetings will be held at the New Orleans Ernest N. Morial Convention Center unless otherwise indicated. Schedule is subject to change. Please refer to ace.ampp.org for updates.

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

8. **Guest Program Breakfasts**
   Breakfasts are for individuals that are guests of conference attendees and purchase the Guest Program Registration.

9. **Headshot Station**
   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!

10. **Honoree Night**
    AMPP invites you to an evening of celebration on Wednesday night 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 and available for purchase online.

11. **Opening Reception**
    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.

12. **Scholarship Awards and EMERGing Leaders Bash: Celebrating Generation Next**
    7 to 8 p.m.—Scholarship Awards Ceremony*
    8 to 11 p.m.—Live Music | Dancing | Hors d’oeuvres | Limited Hosted Bar
    Republic NOLA
    All conference attendees and their guests are welcome to join us as we celebrate the future of our industry by honoring and recognizing our 2024 outstanding students and scholarship recipients. After the ceremony, guests will enjoy light hors d’oeuvres, drinks, and dancing. 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 2024 receive a complimentary event ticket with their conference registration. Conference shuttle will be available for guests’ transportation needs. Limited hosted bar.

13. **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 4:00 p.m. on Wednesday, March 6.
    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 program is designed to raise awareness of career paths in the materials protection field.
Program Schedule

All meetings will be held at the New Orleans Ernest N. Morial Convention Center unless otherwise indicated. Schedule is subject to change. Please refer to ace.ampp.org for updates.

AMPP Education and Certification

Expand your conference experience by registering for a course or certification. Our industry recognized programs offer the latest knowledge and skills in coatings and corrosion. Choose from 11 of our specified programs – registration coming soon. All education courses will be held at the Hilton Riverside and Convention Center.

https://www.ampp.org/education.

Certified Coatings Inspector/CIP Level 2

February 26 - March 1, 2024

Completing the Coating Inspector Program (CIP) Level 2 Course is the first step to earning the Certified Coatings Inspector Certification. The CIP Level 2 Course provides instruction on documenting and performing non-destructive and destructive inspections, as well as inspection of different surfaces and non-liquid coatings.

A Certified Coatings Inspector can perform coating inspections on any substrate using nondestructive and destructive testing for liquid and non-liquid coatings under indirect supervision of a Senior Certified Coatings Inspector.

NAVSEA Basic Paint Inspector (NBPI) Certification

February 27-March 2, 2024

The NBPI certification is a 5-day inspection course that was developed by Naval Sea Systems Command (NAVSEA) to train coatings inspectors to inspect critical coated areas as defined by US Navy policy documents. These areas include (but are not limited to): cofferdams, decks for aviation and UNREP, chain lockers, underwater hulls, bilges, tanks, voids, and well deck overheads.

Lead/Hazardous Paint Removal (C3) Course

February 27-March 1, 2024

C3 contains specific discussions on protecting workers, compliance with environmental regulations, proper management of waste streams, operations that result in potential exposures to lead and other hazards, and associated control technology. It includes background information on the hazards of lead and other toxic metals as well as a review of the current legal and regulatory issues. The course also addresses developing programs to effectively control risks to workers, the public, and the environment.

Offshore Corrosion Assessment Technician (O-CAT) Certification

February 27-March 2, 2024

The Offshore Corrosion Assessment Technician Certification addresses the elements of in-service inspection and maintenance planning for fixed offshore structures.

The course focuses on the inspection, evaluation, and maintenance planning for fixed offshore structures. Special attention is given to corrosion protection systems commonly used in offshore facilities. The Minerals Management Services (MMS) A-B-C facility evaluation grading system requirements for Level 1 Inspection Reporting are also covered.

Lead/Hazardous Paint Removal Refresher (C5) Course

March 7, 2024

This 1-day course provides a review of Competent Person duties and responsibilities in working with lead and other hazardous materials encountered in industrial coatings work. It also reviews relevant OSHA and EPA regulations.

Bridge Coatings Inspector (BCI) Level 1

March 7-11, 2024

The Bridge Coatings Inspector (BCI) Level 1 Inspector understands the fundamentals of surface preparation and application of protective coatings on bridge steel. Other areas of understanding include containment, field safety hazards, and adapting to changing weather conditions. The BCI Level 1 Inspector has at least 2 years of bridge coating inspection work.

Bridge Coatings Inspector (BCI) Level 2

March 12, 2024

The Bridge Coatings Inspector (BCI) Level 2 Inspector understands the fundamentals of inspection, surface preparation, and application of protective coatings on bridge steel in a shop of field setting. Other areas of understanding include containment, field safety hazards, and adapting to changing weather conditions. The BCI Level 2 Inspector has at least 2 years of bridge coating inspection work.

Concrete Coating Inspector (CCI) Level 1

March 7-10, 2024

The objective of this program is to test and certify individuals in the proper methods of inspecting surface preparation and installation of protective coatings on industrial concrete structures and facilities. This program covers the application of coatings in a shop or in the field.

Concrete Coating Inspector (CCI) Level 2

March 11, 2024

The objective of this program is to test and certify individuals in the proper methods of inspecting surface preparation and installation of protective coatings on industrial concrete structures and facilities. This program covers the application of coatings in a shop or in the field.

Thermal Spray Applicator

March 8, 2024

This course is designed to train and certify applicators in the application of thermal spray coatings to industrial substrates.

Thermal Spray Inspector

March 7, 2024

As thermal spray coatings become more widely used in the protective coatings industry, it becomes more important to ensure these coating systems are applied properly. Be an expert in thermal spray inspection by learning how to navigate the NAVSEA standard on thermal spray and a Department of Transportation (DOT) specification. This program covers the inspection of thermal spray from pre-surface preparation through coating application.
How the contest works:

1. Attendees will have to visit all High Rollin’ for a Harley Sponsors’ booths to collect a playing card from each sponsor.
2. Once they have collected all of the cards from all of the sponsors, they will submit the entry form to the location of the Harley on the show floor.
3. The drawing will be held on Wednesday at 4:45 PM.

Thank you to our AMPP Affiliate Corporate Members

Accurate Corrosion Control
Benjamin Moore & Company
BP Exploration & Production Operating Co. Ltd
Brand Industrial Services
BSS Technologies
CAL, Inc.
Carboline Global Inc.
Corpro
DeFelsko Corporation
Dunn-Edward Corporation
Elcometer
Element Materials Technology
Enbridge GTM
Enbridge Pipelines, Inc.
GPI
HEERU Corrosion Protection Services India Private Limited
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
One Gas Inc.
ONEOK
Pacific Gas & Electric Co - Bollinger Canyon
Plains All American
PPG Coatings (Kunshan) Co, Ltd
PPG Protective and Marine Coatings
Puget Sound Naval Shipyard (PSNS)
Seal for Life Industries
Shanghai Fuchem Innovative Materials Co., Ltd.
Sherwin-Williams Co.
SHINKO CO., LTD.
Southern California Gas Co
Targa Resources
TransCanada Pipelines
Troy Construction, LLC.
Turner Industries Group, L.L.C.

*Members as of August 29, 2023

ace.ampp.org

*Members as of July 26, 2023
The Exposition

Expo Schedule
Events are held during the day’s scheduled exhibition hours unless otherwise noted.

Monday, March 4 — Grand Opening*……………………………………… 9 a.m. to 5 p.m.
Cathodic Protection (CP) Field
Coatings Experience
Silent Auction
Student Poster Session…………………………………………………….. Staffed 5 to 7:30 p.m.

Tuesday, March 5……………………………………… 9 a.m. to 5 p.m. (unopposed hours 9 to 10 a.m.)
Cathodic Protection (CP) Field
Coatings Experience
Silent Auction
AMPP Cares | cKit Building Event
ckit™ Training for AMPP Members
AMPPiTheaters………………………………………………………….9:30 a.m. to 5 p.m.
Complimentary Lunch (full conference attendees only) ……………………11:45 a.m. to 1 p.m.
Student Poster Session…………………………………………………….. Staffed noon to 1 p.m.
SYP Coaching Sessions

Wednesday, March 6………………………………………………… 9 a.m. to 5 p.m.
Cathodic Protection (CP) Field
Coatings Experience
CoatingsPro Magazine Annual Contractor Awards Program
AMPP Cares | cKit Building Event
Silent Auction ……………………………………………………………………… 9 a.m. to 4 p.m.
AMPPiTheaters………………………………………………………….9:30 a.m. to 5 p.m.
EMERG Student Camp ……………………………………….10 a.m. to 3:30 p.m.
Student Poster Session Awards Ceremony ………………………………..12:30 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 4.

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!

youtube.com/c/AMPPorg

Exposition Events

AMPPiTheaters
The newly expanded AMPPiTheaters will give conference attendees access to a variety of 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 who will facilitate interactive discussions on infrastructure and asset protection that are relatable to your own field of expertise. See the AMPP Annual Conference + Expo website (ace.ampp.org) and final program for more information and theater assignments.

CoatingsPro Magazine Annual Contractor Awards Program
Designed to showcase and recognize the projects and crews that demonstrate excellence in the field of high-performance commercial and industrial coatings, the award acknowledges winners in the following categories: Commercial Concrete, Commercial Roof, Industrial Concrete, Industrial Steel, Specialty Project, Work It Safe, and Contractor Crew MVP. Winners will be announced on Wednesday, March 6.

Cathodic Protection Field
The field testing exhibit on the show floor is 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. Gain experience by performing tasks such as CP interference, alternating current voltage mitigation, and electrical isolation testing and short locating.

The Coatings Experience
The Coatings Experience is an interactive area that will introduce those interested in coatings to the “ins and outs” of surface preparation, coatings selection, application, and inspection plans in a fun and interactive way.

Dairyland Lounge
Take a break at the Dairyland Lounge (located between aisles 800 and 1000) and pick up their always popular souvenir give-away. While getting your give-away, take some time to learn how Dairyland is working to make the world a safer place through their Live Engaged initiative.

“High Rollin’ for a Harley” Giveaway
AMPP is giving away a Harley Davidson and this is YOUR chance to win! Here’s how: visit each “High Rollin’ for a Harley” sponsor during the AMPP Annual Conference + Expo to collect a playing card from each sponsors’ booth. Once all playing cards have been collected, hightail it over to the Harley displayed on the exhibit hall floor and complete the submission card to enter to win. Winner will be announced Wednesday in the exhibit hall.

Sponsored by:
Exposition Events — The Quad

This section features Students/Young Professionals (SYP) Activities

AMPPCares 2024
AMPPCares allows members to give thanks to our host city! This year, attendees team up to assemble cKits™ (Corrosion Toolkits) to be delivered to New Orleans area high school teachers. Just one cKit can serve an entire classroom and provide a stimulating, hands-on experience for students.

On Tuesday and Wednesday, attendees can drop by The Quad area on the exhibit hall floor to help construct kits in their free time. In addition to the 100 kits that will be donated to New Orleans area high schools, volunteers can aid us in reaching our goal of 1,000 assembled cKits to support our EMERG summer programs.

cKit Training
AMPP members are invited to a drop-in event to be introduced to the cKits (Corrosion Toolkits) and the experiments included in it. There will be experiments on display, along with two master instructors to help guide you through the kits, how they can be used locally in your community, and how to help conduct the experiments. Reserve some time on your AMPP 2024 calendar! AMPP contact is Brandy Adams at +1 281-228-6478 or brandy.adams@ampp.org.

EMERG Student Camp
A day-long camp for local high school students will be held in conjunction with AMPP 2024. Local students from New Orleans area high schools will participate in hands-on, coatings and corrosion-related activities, and using cKits. Volunteers are needed. To get involved, contact Brandy Adams at +1 281-228-6478 or brandy.adams@ampp.org.

Student Poster Display
The AMPP Research Program Committee sponsors a Student Poster Session to encourage student involvement in the field of coatings and corrosion technology. Posters will be on display in the exhibit hall throughout exhibit hours with displays staffed by students on Monday from 5 to 7:30 p.m. and Tuesday from noon to 1 p.m. Winners will be announced on Wednesday at 12:30 p.m.

SYP Coaching Sessions
The EMERG Student Outreach Program is offering Students and Young Professionals under the age of 30 the opportunity to sign up for a 30-minute career coaching session with an industry expert. Whether you’re just starting out in the industry, preparing for an upcoming interview, or need some insight or direction with your career goals, the volunteer coaches are there to help you navigate and explore your career aspirations and challenges to achieve success.

If you’re interested in volunteering as a career coach at AMPP 2024, please contact Heather Lowry at +1 281-228-6205 or heather.lowry@ampp.org.

Students/Young Professionals (SYP) Lounge
Attendees under the age of 30 can visit the lounge in the Student Quad on the expo floor and take a break from the action, meet up with other students and young professionals, or schedule small, informal meetings in semi-private pods.

Build Your Business
Make connections with the AMPP Connect Contractor Program

Exclusive networking is back for another year! The AMPP Connect Contractor Program is a hosted buyer program that provides one-on-one opportunities to network with potential new business partners during the AMPP Annual Conference + Expo. Whether you’re a coatings or QA contractor looking for new partnerships, or anyone buying or selling corrosion industry solutions, the AMPP Connect Contractor Program can put you in touch with the right people.

Benefits for sellers
• One-on-one, 15-minute meetings with up to 15 qualified decision makers.*
• Contact information for all participating buyers to help make connections during and after the event. Each buyer provides a profile that includes future projects and needs, so you’ll know who’s interested in your solutions.
• Exclusive networking opportunities with participants throughout the conference.
• Affordability! Similar hosted buyer events cost $20,000 or more. AMPP Connect Contractor Program is value-packed at only $4,000.

*The final number of participants determined before the conference. All sellers are guaranteed to meet with at least 10 participants.

Benefits for buyers
• Free full conference registration to AMPP 2024 ($1,425 Value).
• Access to conference networking events, technical program, conference proceedings, exhibition hall, and Professional Development Hours.
• $700 travel stipend to be paid once all AMPP Connect Contractor Program meetings have been completed.
• Dedicated lounge area, reception, and one-on-one time with selected sellers targeted to address your specific issues.

Ready to apply for your spot? Space is limited, so start your application now!
Contact Sales at +1 281-414-6212 or sales@ampp.org.
Meghan.Leyva@ampp.org Tiffany.Krevics@ampp.org

We’ll see you at
AMPP Annual Conference + Expo 2024!
Exposition Floorplan
<table>
<thead>
<tr>
<th>Exhibitors</th>
<th>AMPP Corporate Member</th>
<th>Event Sponsor</th>
<th>as of 8/29/2023</th>
</tr>
</thead>
<tbody>
<tr>
<td>10X Engineered Materials</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4Z Elektron Otomasyon Ve Kaynak Siftmelan Sanayi Ve Ticaret Limited</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A.W. Chesterton Company</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Abrasives Inc</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Abriox Inc</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Access Plug Flange, LLC.</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accurate Corrosion Control Inc</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accure</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Advance Products and Systems</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Air Systems International</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AIT Coatings</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AkzoNobel</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Allema</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Allen Blasting and Coating</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Allied Corrosion Industries, Inc</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Allredi</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Altamira-US</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alter LLC</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>American Carbon Company</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>American Innovations</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AMPP Media</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Anotec Industries</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Apache Industrial Services</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ARK Engineering &amp; Technical Services, Inc.</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Arkema Inc.</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Armacell</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Azbury Carbons</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aspen Aerogels</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Atlantic Design Inc.</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Atmospheric Plasma Solutions Inc.</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AtmosphericIQ LLC</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Atotech</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AUDUBON</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Automa s.r.l.</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Axess-Corrosion, Inc.</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Axios Industrial Maintenance Contractors</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Axxiom Manufacturing</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AZMET Corp</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bac Corrosion Control A/S</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BAC Corrosion Control Ltd</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BactiQuant</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Baker Hughes</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Barton International</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Becht</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bechtel</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bellemare Abrasives &amp; Minerals</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BGH Edelstahlwerke GmbH</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BK Corrosion</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BlastOne International</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Borin Manufacturing, Inc.</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BrandSafway</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BSS Technologies</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bullard</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Caprco</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Carboline Global Inc.</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Catholic Protection Co.Ltd</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Catholic Technology</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cathitect USA Inc.</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CerAnode Technologies – Div. of APS Materials, Inc</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Champion Corrosion Products</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chapman Engineering, Inc.</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chase Corp</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chemco International</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ClampOn</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clemco Industries</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CM Beasy</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coastal Corrosion Control, Inc</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Concrete Sealants, Inc</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corrocoa USA</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corrosion Exchange, Inc</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corrosion Innovations</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corrosion Service Company Limited</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corvron</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cortec Corporation</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cortest, Inc</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cosasco</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CSI Services, Inc.</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CSNRI</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Custom Abrasives</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dairyland Electrical Industries</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dakota Ultrasonics</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dampney Company</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>De Nora Tech</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Deepwater Corrosion Services</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DeFelsko Corporation</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dehumidification Technologies, L.P.</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Denso, Inc.</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Desco Manufacturing Inc.</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Deutsche Edelstahlwerke</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DNV</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Drinkwater Products</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Droycon Bioconcepts Inc.</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Eagle Industries</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EasyPower</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Eckart GmbH</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Eclipse Surface Technologies</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ecoFINISH Coatings</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Eddyfi Technologies</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EIJI, LLC</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elicometer</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elocsys International</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Element Materials Technology</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ELSYCA NV</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Emerson</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EPIT</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENTRUST Solutions Group</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ErgonArmor</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ervin Industries</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E-Z Line Pipe Support Co. LLC.</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Farwest Corrosion Control Company</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flexalitic US, LLC</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FlexSteel Pipeline Technologies</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>French Creek Software</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FURS Composites</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Galvotec Alloys, Inc / Galvotec Corrosion Services</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gamry Instruments</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gecko Robotics</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gema s.r.o.</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Corrosion Corporation</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GEOMAGIC Utility Solutions Inc.</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Girard Industries</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GMA Garnet (USA) Corp</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GMC</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GNP Graystar</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GPT Industries</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Graco Inc</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Green Diamond Performance Materials</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Greenman-Pedersen, Inc. (GPI)</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grid-Guard rock shields, a product of JDR Enterprises</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Guided Ultrasonics Ltd - GUL</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GVS RPB</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Harsco Environmental</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HCL Fasteners</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hempel USA</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Highridge Corrosion Services</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HippWrap Containment</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HMT GmbH</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HoldTight Solutions Inc.</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Honest Horse China Holding Ltd.</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Honeywell</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HVURdata</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IBIX Surface Tech. LLC</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ICR</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

A56 AMPP ANNUAL CONFERENCE + EXPO #AMPP2024 ace.ampp.org
<table>
<thead>
<tr>
<th>Exhibitors</th>
<th>AMPP Corporate Member</th>
<th>Event Sponsor</th>
<th>as of 8/29/2023</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inductosense</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>InduMar Products, Inc.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Induron</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Industrial Vacuum Equipment Corp.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Innovative Analytical Solutions</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Integrated Global Services</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Integrity Assessment Group</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Integrity Products &amp; Supplies Inc.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Integrity Solutions Field Services, Inc.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>International/Interprovincial Corrosion Control Co. Ltd. (ICCC)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Intertek</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IRIS Inspection Services Inc.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IRISNDT Inc.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IRT Integrated Rectifier Technologies Inc.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IUPAT</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ivium Technologies</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IXS Coatings</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jennings Anodes USA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Johns Manville</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kennametal Inc</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Keymay Industries</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kleen Blast</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>KTA-Tator, Inc.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L.A.B. Industries, a division of the Louisiana Association for the Blind</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAIKEN S.A.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lake Superior Consulting</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Langtry Blast Technologies Inc.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LBBC Baskerville</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lift-Off Pipe Supports</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lorensco Inc.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LS Industries</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Luna Labs USA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M. C. Miller Company, Inc.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marvel Industrial Coatings</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Master Painters Institute (MPI)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATCOR, Inc.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mears Group, Inc.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MES – Nationwide Rentals &amp; Supplies</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MESA and Bass Engineering</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Metal Samples</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Metaspec Services LLC</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Metrohm USA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Microbial Insights, Inc.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Miller Electric Mfg. LLC An ITW Welding Company</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minerals Research</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MineralTech Gulf Coast Abrasives</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mobilix Data Ltd.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Modumetal Inc.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Montipower America, Inc.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>mPACT2WO, a Molex business</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nalco Water (an Ecolab Company)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NCP Coatings LLC</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NDT Seals Inc.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nexttec/Pretox</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>North American Survey Corporation</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Norton Corrosion</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NOV</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Novatek Corporation</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>OLI Systems, Inc.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>OmniMetrix LLC</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>OmniTech</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Opti-Blast</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ovolifts</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>P.A., Inc.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pacific Sensor</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Parr Instrument Company</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paul N. Gardner Co.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PCC Integrity</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pipeline Integrity Resources, Inc.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Platt Bros. &amp; Co.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Polycorp, Ltd.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Polyguard Products</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pond &amp; Company</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PPG</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSS Industrial Group</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PureHam, a Xylem brand</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Qingdao Rising-Sun Shine Ship Engineering Technique Co., Ltd.</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Q-Lab Corporation</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>QSA Global, Inc.</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ramco Manufacturing Company Inc.</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RBW Enterprises, Inc.</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rema Tip Top</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Roberts Corrosion Services, LLC</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ROCKWOOL Technical Insulation</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rohner Finishing Systems</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rust-Oleum</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ryeco International Inc</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Safetrack Baavrammar AB</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Salem-Republic Rubber Co</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandblasting Solutions, Inc.</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Savereisen</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SCC Wax Wrap</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sciaps</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Seal for Life Industries</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Senosmeter Solutions</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sensor Networks, Inc.</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sensorlink</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sentry Equipment</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ship2Shore (S2S)</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sigma Fasteners</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sika Corporation (Tuff-N-Nuff)</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solmax</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Southwestern Paint Panels</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spider by BrandSafeway</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sponge-Jet, Inc</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stonebridge Coatings Laboratory, Inc.</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stress Engineering Services</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stuart Steel Protection</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Superior Products International (SPI)</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Surface Corrosion Consultants (UK) Ltd</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sypris Technologies - Tube Turns</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tapas Manufacturing</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Technical Toolboxes</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TitanCor Micro-Etch Products</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Texas Compression, LLC</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>The Phased Array Company, LLC</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>The Sherwin-Williams Company</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>The Swan Meter Company</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tip Tig USA</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tnemec Company Inc.</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TRENTON CORPORATION</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tricor Metals</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TruAbrasives by Strategic Materials, Inc.</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TruQC, LLC</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TWRS, LLC.</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>U.S. Minerals</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Van Air Systems</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vecor Pipeline Integrity, Inc.</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vivax-Metrotech Corp</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vulkan Blast Shot Technology</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wasser Coatings</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WBI Energy Corrosion Services</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Western Falcon LLC</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Western Technology</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Winoa USA</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wiwa LLC</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wolverine Coatings Corporation</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WrapMaster, Inc.</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Zerust Oil &amp; Gas</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Zhejiang Yuxi Corrosion Control Corp.</td>
<td>▲</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
From Rust to Resilience
How Studying the Past Can Protect Bridges of the Future.

Learn from decades of historical bridge knowledge to protect the present and future. “Bridges: A Look Back” is a must-read series for anyone involved in the design, maintenance, and repair of bridges. These books use decades of curated legacy NACE technical papers and journal articles to provide insights into the evolution of cathodic protection in bridges and preventing the catastrophes of the past from happening again.

Get your copies today and learn about the history of fighting corrosion in bridges.

Buy your copies today at store.ampp.org.