

Call for Abstracts: Paper-Related Symposia

Thank you for your interest in AMPP Annual Conference + Expo 2027! Please use key terms that apply to your proposed presentation while determining which session will best fit your topic. For example, if you're looking to submit an abstract pertaining to marine-related corrosion, you may want to search "marine," "defense," or "military," depending on the scope of your topic. With those searches, you'll find a few sessions that may be appropriate (i.e., "Cathodic Protection for Offshore and Marine Environments," "Marine Corrosion: Materials and Coatings Performance Data from Laboratory and Field Testing Programs in Marine Environments," "Defense Corrosion Modelling," and "Corrosion Challenges in Military Installations and Infrastructure.")

Coming soon: descriptions for each session, chair and vice chair information, and associated industry vertical.

Title

- AC & DC Interference
- Advancements and Applications of Volatile/Vapor Corrosion Inhibitors (VCIs)
- Advances in Materials for Oil & Gas Production
- AI and Digitalization for Pipeline Infrastructure
- AI-Driven Structural Damage Assessment of Corroded Infrastructure
- Bridge Preservation and Asset Management
- Cathodic Protection for Offshore and Marine Environments
- Cathodic Protection Monitoring
- Cathodic Protection: Design and Implementation
- Coating Failures and Coating Successes
- Corrosion and Coatings in Automotive Industry
- Corrosion and Corrosion Testing of Additively Manufactured Materials
- Corrosion and Material Protection in Nuclear Systems
- Corrosion and Materials Challenges Across the Critical Minerals Mining and Processing Cycle
- Corrosion and Scaling in Geothermal Energy Utilization (in honor of Keith Lichti)
- Corrosion Challenges in Military Installations and Infrastructure
- Corrosion Evaluation and Mitigation in Domestic, Commercial, and Industrial Water Distribution and Treatment Applications
- Corrosion in Carbon Capture, Transportation, and Utilization and Storage (CCTUS)
- Corrosion in the Biofuel and Biomass Industry
- Corrosion in the Water and Wastewater Industries
- Corrosion Inhibitors in Oil and Gas Industry
- Corrosion Management
- Corrosion of Reinforced Concrete Structures and Corrosion Control
- Corrosion Studies in Aerospace Applications
- Corrosion, Fatigue, and External Stress Cracking Under Thermal Insulations
- Defense Corrosion Modelling
- Early Life Corrosion Failures Due to Hydrotesting or Stagnant Water
- Economics of Corrosion: Associated Direct and Indirect Costs
- Environmentally Assisted Cracking (EAC)
- Facilities Integrity and Process Safety

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- Gaseous Hydrogen Embrittlement
- High Temperature Coatings and Corrosion
- Hydrogen and Emerging Fuels — Material Integrity Challenges
- Internal Corrosion Management
- Location Specific Damage Scenarios
- Machine Learning and Risk Probability Analytics for Materials Performance
- Marine Corrosion: Materials and Coatings Performance Data from Laboratory and Field Testing Programs in Marine Environments
- Material Selection and Qualification in CCS Downhole Environment
- Materials Sustainability and Materials Stewardship Best Practices
- Microbiologically Influenced Corrosion
- New Developments and Recent Experiences With Nickel, Titanium, Zirconium, and Other High Alloyed Corrosion Resistant Materials
- Next-Generation Coatings: Predictive Strategies for Service Life, Durability, and Sustainable Performance
- Nonmetallic for Oil & Gas Application
- Oil Refining Industry Corrosion
- Pipeline Integrity
- Rail Industry Coatings and Corrosion
- Recent Experiences With Austenitic and Duplex Stainless Steels
- Regional Issues in Materials and Integrity in Oil and Gas
- Solid Particle Erosion and Erosion-Corrosion
- Sweet and Sour Corrosion
- Thermal and Cold Spray Processes and Applications in Corrosion Mitigation

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