



NACE CORROSION TECHNOLOGY WEEK 2019

September 15 - 19

St. Louis, Missouri | Hilton St. Louis at the Ballpark

FINAL PROGRAM

Thank You to Our 2019 Corrosion Technology Week Sponsors:



WARREN GROUP



We protect and beautify the world™



Schedule at a Glance

DAY	EVENT	TIME
Sunday, September 15	Registration	7:30 a.m. - 5 p.m.
	Exhibitor Set-Up	2 - 5 p.m.
	Welcome to St. Louis Networking Event	5 - 7 p.m.
Monday, September 16	Registration	7:30 a.m. - 5 p.m.
	Exhibit Hours	9 a.m. - 5 p.m.
	Sessions	8 a.m. - 5 p.m.
	Opening Reception	5 - 7 p.m.
Tuesday, September 17	Registration	7:30 a.m. - 5 p.m.
	Exhibit Hours	9:30 a.m. - 6 p.m.
	Keynote	8 - 9 a.m.
	Sessions	9 a.m. - 5 p.m.
	Exhibitor Appreciation Reception	5 - 6 p.m.
	Night Out at the Cardinals Game (ticketed event)	Game starts at 6:45 p.m. - end of game
Wednesday, September 18	Registration	7:30 a.m. - 5 p.m.
	Exhibit Hours	9 a.m. - noon
	Exhibit Tear Down	noon - 3 p.m.
	Sessions	8 a.m. - 5:00 p.m.
Thursday, September 19	Registration	7:30 a.m. - noon
	Sessions	8 a.m. - 5 p.m.

Technical Coordination Committee

POSITION TITLE	NAME	COMPANY
Chair	Roy Fultineer	Roberts Corrosion Services
Vice Chair	Kat Coronado	International Paint
Past Chair	Khlefa Esaklul	Occidental Oil & Gas Corp.

Dear Fellow NACE Members and Guests:

On behalf of the NACE Technical Coordination Committee (TCC), I want to welcome you to NACE International's Corrosion Technology Week (CTW) 2019! CTW is in St. Louis, MO, this year at the Hilton St. Louis at the Ballpark Hotel. The hotel has a view of Busch Stadium, the home of the 11-time World Champion St. Louis Cardinals and the Gateway Arch.

St. Louis has many different things to offer, the most famous being the iconic 630 ft. Gateway Arch and its museum. Other sites of interest include the Missouri Botanical Garden, Forest Park, Cathedral Basilica, the Old Courthouse, the St. Louis Ballpark Village, and the Anheuser-Busch Brewery. The city also has many museums, parks, great dining, and other historical sites. It is a great place to visit, and I hope you will have the opportunity to enjoy the city. The hotel is a short walk from the America's Center, St. Louis Ballpark Village, and downtown attractions.



CTW is considered a work week for our Committee Members. This event is sponsored by the Technical Coordination Committee and is a series of meetings focused on developing and maintaining standards and committee reports. There are also groups meeting to exchange technical information. All of these meetings provide methods of identifying, preventing, and mitigating corrosion problems around the world.

We would like to thank you for taking the time to get involved in Technical Activities. We understand that your time is valuable, and we appreciate the contributions you make to our organization. We hope this event also allows you the time to network with other corrosion professionals and industry organizations.

If this is your first-time attending, please visit the NACE website to learn more about getting involved in NACE committees.

We would also like to give special thanks to our sponsors and exhibitors as they make this event possible. Please make a point to attend the Opening Reception and the Exhibitor Reception on Monday and Tuesday, respectively.

Thank you for attending, and we hope you have a productive week.

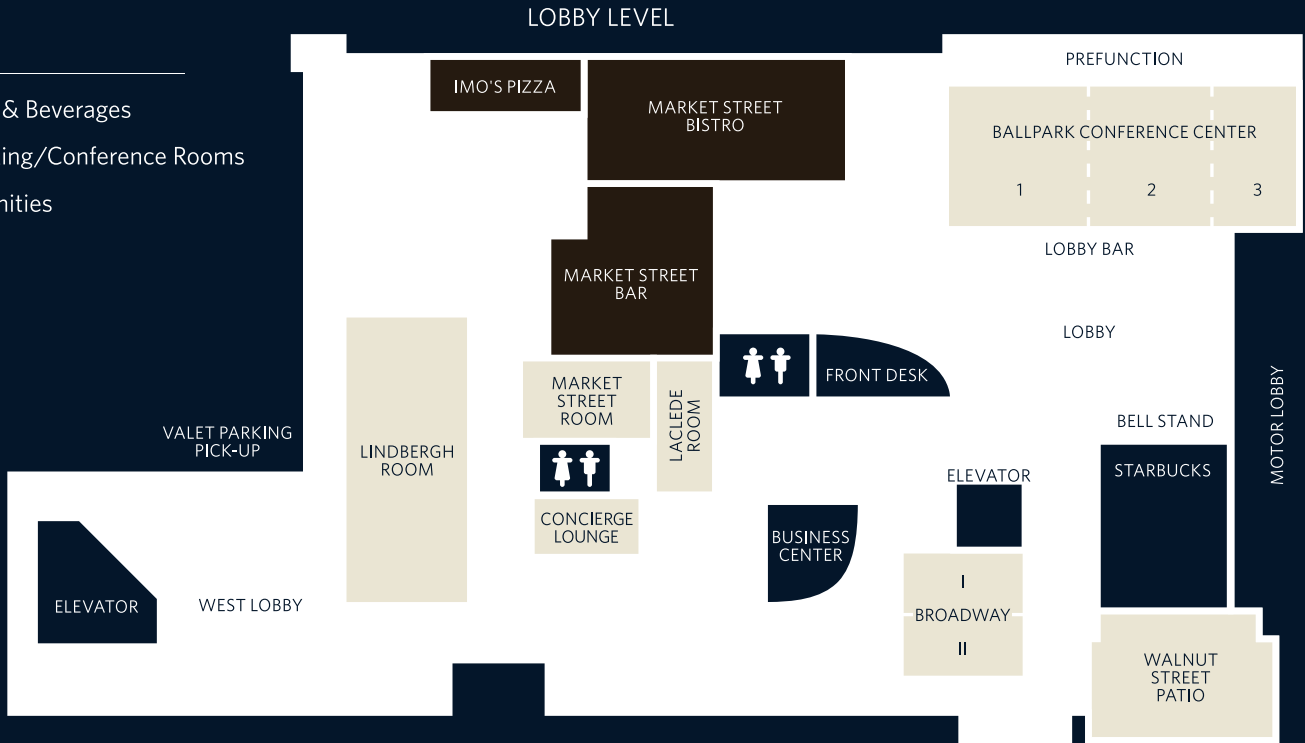
Roy D. Fultineer Jr.
NACE TCC Chair (2019-2021)

CONFERENCES & EVENT ROOMS

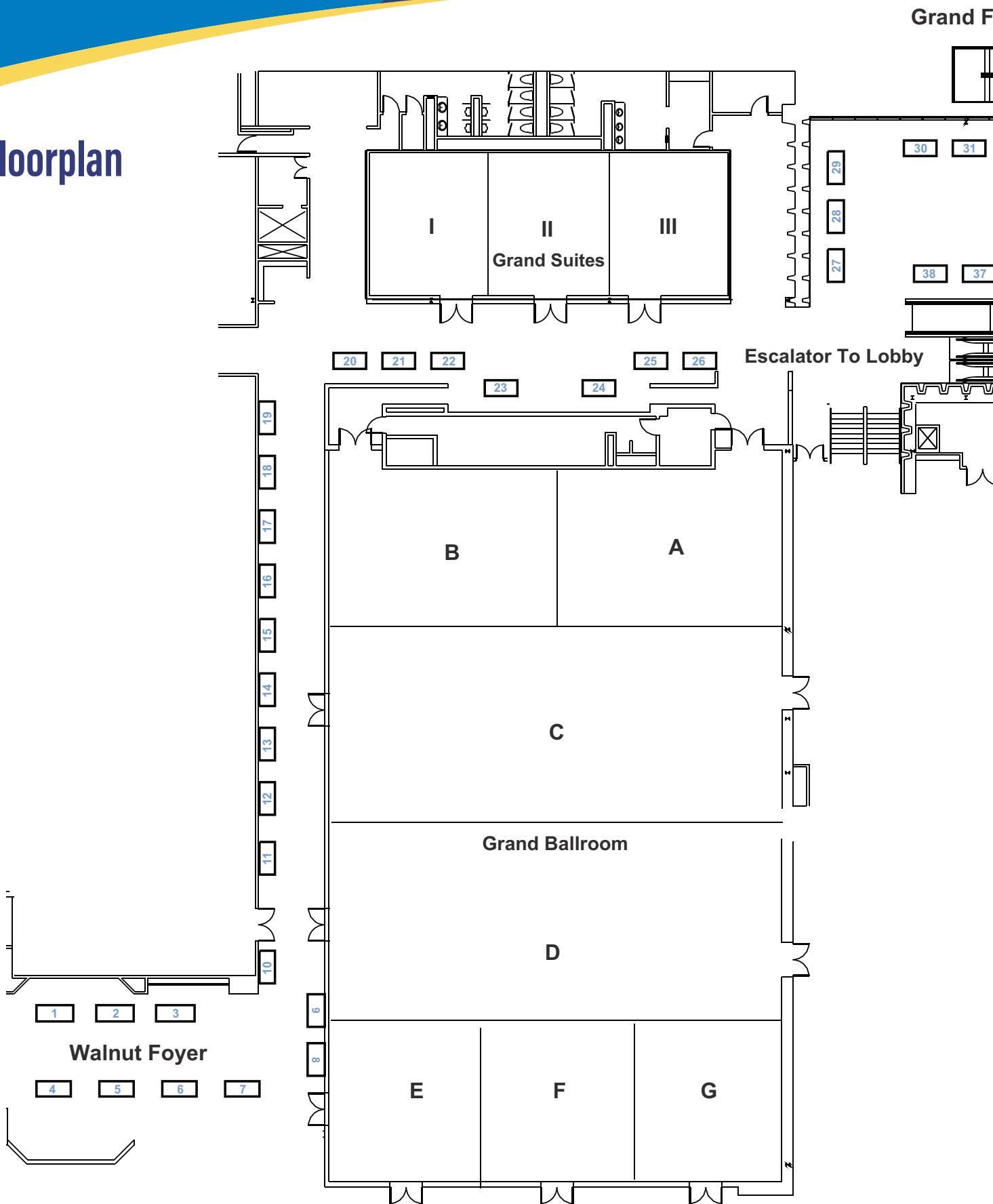
FLOOR MAPS

KEY

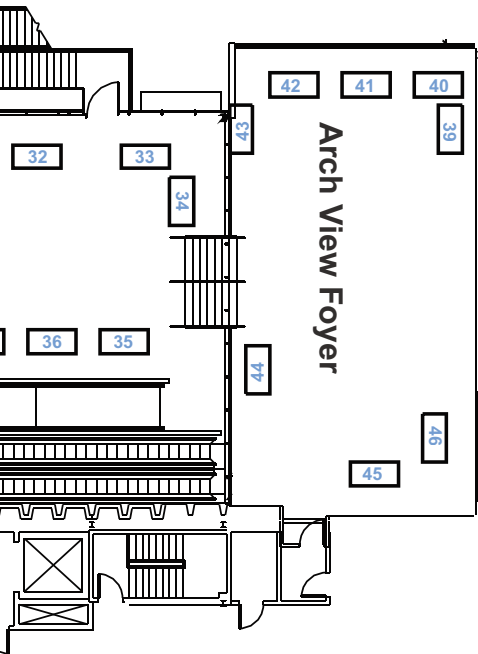
- Food & Beverages
- Meeting/Conference Rooms
- Amenities



Floorplan



Foyer



Exhibitors/Booth Numbers

● 2019 Sponsors

Accurate Corrosion Control, Inc.
Booth 29

Amcorr Products/VISCOTAQ
Booth 26

American Innovations
Booth 34

Baker Hughes, a GE Company
Booth 19

Berkeley Springs Instruments, LLC
Booth 36

ClearWirx 207
Booth 40

Continental Industries - ThermOweld
Booth 12

Cosasco
Booth 30

Dairyland Electrical Industries
Booth 23

● **De Nora**
Booth 21

Denso North America
Booth 15

Elecsys Corp.
Booth 14

Elsyca NV
Booth 39

Farwest Corrosion Control Co.
Booth 46

Fischer Technology, Inc.
Booth 37

Geopolymer Solutions
Booth 44

● **GMA Garnet (USA) Corp**
Booth 27

● **HoldTight Solutions Inc.**
Booth 11

● **Integrated Global Services**
Booth 20

JRGO, LLC
Booth 17

LineVision
Booth 32

MATCOR
Booth 10

Materials Technology Institute
Booth 45

Metal Samples
Booth 38

Mobiltex Technologies, Inc.
Booth 33

MTS
Booth 28

OLI Systems
Booth 24

Polyguard Products, Inc
Booth 22

Permasense (Emerson)
Booth 18

Rep Com International
Booth 13

Seal for Life Industries
Booth 42

Sensor Networks, Inc.
Booth 25

Specialty Polymer Coatings USA, Inc.
Booth 35

● **Thermo Fischer Scientific**
Booth 9

● **Trenton Corporation**
Booth 31

● **USDI**
Booth 16

● **US Minerals**
Booth 41

Zerust Oil & Gas
Booth 43

Special Events

Welcome to St. Louis Networking Event

Three Sixty Rooftop Bar, Hilton at the Ballpark

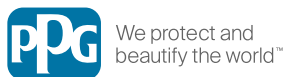
Sunday, September 15

5 - 7 p.m.

Hosted by:



Sponsored By:



The Greater St. Louis Section would like to welcome you to Corrosion Technology week in St. Louis, known as the Gateway to the West! Enjoy complimentary hors d'oeuvres and cocktails while networking with NACE members and local companies in the Three Sixty Rooftop Bar, where you will enjoy breathtaking views of the Arch, Busch Stadium, The Old Courthouse and beautiful downtown St. Louis.

Opening Reception

Monday, September 16

5 - 7 p.m.

A favorite social event, this year's Opening Reception will feature hors d'oeuvres, beverages, and will be a great opportunity to network with attendees. A cash bar will also be available. Join us as we kick off Corrosion Technology Week for 2019!

Keynote Speaker

Tuesday, September 17

8 - 9 a.m.

Arch View Ballroom

Catriona Shepherd

Manager of Engineering Standards and Practices - BP

As the manager of engineering standards and practices at BP, Catriona Shepherd is accountable for the development of standards used across the BP group. The role includes setting and implementing the vision and strategy for BP internal standards.

Catriona brings 25 years of industry experience starting with Technip in 1994. The majority of her career has been in project execution, working onshore and offshore in a variety of engineering and functional roles in Aberdeen, Houston, and Rio de Janeiro.

Catriona is a Steering Team member of the INCOSE (International Council on Systems Engineering) Oil and Gas Working Group and is a member of the IOGP (International Association of Oil and Gas Producers) Requirements Digitalisation Task Force.

Catriona holds a Master of Engineering degree from Strathclyde University, Glasgow, UK, and is a charter member of the Institute of Mechanical Engineers.



Exhibitor Appreciation Reception

Tuesday, September 17

5 - 6 p.m.

In appreciation of our exhibitors' continued support of CTW, attendees are invited to a reception on Tuesday evening. Hors d'oeuvres and beverages will be served. A cash bar will also be available. Enjoy this excellent opportunity to network with people in your industry and to browse through the various tabletop displays.

Night out at the Cardinals Baseball Game

Busch Stadium

Tuesday, September 17

6:45 p.m. to game end.

Let's go out to the ballgame! Join your fellow attendees at the ballgame where the St. Louis Cardinals will take on the Washington Nationals. NACE will have a dedicated section of seats so you can continue to catch up with peers and foster new business partnerships. Limited tickets may be available to purchase onsite. Please check at the registration desk.

Technical Program

Please note there will be an hour break for lunch from noon to 1 p.m. each day.

COATINGS AND LININGS, PROTECTIVE: ATMOSPHERIC - STG 02				
Meeting	Committee	Day	Time	Room
Liquid-Applied Thermal Insulative Coating for Atmospheric Service at 0 to 375 °F	TEG 424X	Monday	8 - 10 a.m.	Grand Ballroom Salon B
Measurement of Leachable Chloride Content of Coatings Applied to Stainless Steel in High Temperature Service Environment	TG 549	Monday	10 a.m. - noon	Grand Ballroom Salon B
Standard Practice for Application and Inspection of Intumescent Fireproofing	TG 568	Tuesday	9 - 11:30 a.m.	Grand Ballroom Salon B
Coatings and Linings, Protective: Atmospheric	STG 02	Thursday	8 - 9 a.m.	Grand Ballroom Salon E
COATINGS AND LININGS, PROTECTIVE: IMMERSION AND BURIED SERVICE - STG 03				
Review of ISO 21809, for NACE National Adoption of "Petroleum and Natural Gas Industries"	TG 479	Monday	8 - 11 a.m.	Grand Ballroom Salon E
Coatings, Heat-Shrink Sleeves for External Repair, Rehabilitations, and Weld Joints on Pipelines	TG 248	Monday	11 a.m. - noon	Grand Ballroom Salon E
Prequalification of Flow Efficiency Pipeline Coatings	TG 490	Monday	1 - 3 p.m.	Grand Ballroom Salon E
State-of-the-Art in CUI Coating Systems	TG 425	Monday	3 - 4 p.m.	Grand Ballroom Salon E
External Repair, Rehabilitation, and Weld Joints on Buried Steel Pipelines	TG 247	Monday	4 - 5 p.m.	Grand Ballroom Salon E
Standard Practice for Evaluating Protective Coatings for Use Under Insulation	TG 516	Tuesday	9 - 10 a.m.	Grand Ballroom Salon E
Plural Component Spray Standard Method	TG 565	Tuesday	10 a.m. - noon	Grand Ballroom Salon E
Coating, Polyolefin Resin Systems: Review of NACE SP0185-2007	TG 265	Tuesday	1 - 2 p.m.	Grand Ballroom Salon E
Application, Performance, and Quality Control of Plant-Applied, Fusion-Bonded Epoxy External Pipe Coating	TG 031	Tuesday	2 - 3 p.m.	Grand Ballroom Salon E
Coating Conductance	TG 030	Wednesday	9 a.m. - noon	Grand Ballroom Salon E
High Temperature, High Pressure, Corrosive, Service Environments pertaining to Oil and Gas and other Industrial Applications	TEG 526X	Wednesday	1 - 2:30 p.m.	Grand Ballroom Salon E
Coatings and Linings, Protective: Immersion and Buried Service	STG 03	Thursday	9 - 10 a.m.	Grand Ballroom Salon E

Continued on next page

Meeting	Committee	Day	Time	Room
COATINGS AND LININGS, PROTECTIVE: SURFACE PREPARATION - STG 04				
TG 546 Soluble Salt Limits based on Service Environment	TG 546	Tuesday	10:30-11:30 a.m.	Grand Ballroom Salon F&G
TEG 423X Nonvisible, Nonwater-Soluble Contaminants Affecting Corrosion Protection	TEG 423X	Tuesday	1 - 3 p.m.	Grand Ballroom Salon F&G
TEG 469X Surface Preparation Issues	TEG 469X	Tuesday	3 - 5 p.m.	Grand Ballroom Salon F&G
Coatings and Linings, Protective: Surface Preparation	STG 04	Thursday	10 - 11 a.m.	Grand Ballroom Salon E
CATHODIC/ANODIC PROTECTION - STG 05				
Cathodic Protection of Metallic Structures Submerged in Fresh Water	TG 526	Monday	9 - 10 a.m.	Gateway 3
Cathodic Protection Rectifier Safety	TG 388	Monday	10 a.m. - noon	Gateway 3
Alternating Current (AC) Power Systems, Adjacent: Corrosion Control and Related Safety Procedures	TG 025	Monday	1 - 3 p.m.	Gateway 3
Steel, Structural: Corrosion Control of Pilings in Nonmarine Applications	TG 018	Monday	3 - 5 p.m.	Gateway 3
Pipeline Corrosion Management	TG 430	Tuesday	9 a.m. - noon	Gateway 3
ICCP of Internal Submerged Surfaces of Steel Water Storage Tanks	TG 167	Tuesday	1 - 3 p.m.	Gateway 3
Galvanic Anode CP of Internal Submerged Surfaces of Steel Water Storage Tanks	TG 284	Tuesday	1 - 3 p.m.	Gateway 3
Cathodic Protection Coupon Technology	TG 210	Tuesday	3 - 5 p.m.	Gateway 3
Corrosion Control Coordinating Committee	TEG 022X	Wednesday	9:30 - 11 a.m.	Gateway 3
Joint Meeting STG 05 and 35	STG 05	Thursday	8 - 11 a.m. and 1 - 5 p.m.	Gateway 4&5
CORROSION MANAGEMENT - STG 08				
Economics of Corrosion: Standard	TG 200	Monday	8 - 10 a.m.	Grand Ballroom Salon F
Material Sustainability	TG 578	Monday	10 a.m. - noon	Grand Ballroom Salon F
The Role of Corrosion in Materials Stewardship and Sustainability	TEG 531X	Monday	1 - 3 p.m.	Grand Ballroom Salon F
Corrosion Prevention and Control Planning Standard	TG 527	Wednesday	1 - 2:30 p.m.	Gateway 2
OIL AND GAS PRODUCTION—CORROSION AND SCALE INHIBITION - STG 31				
Oil and Gas Production, Erosion Management	TG 245	Wednesday	8 - 10 a.m.	Grand Ballroom Salon B

Continued on next page

Meeting	Committee	Day	Time	Room
OIL AND GAS PRODUCTION—CORROSION AND SCALE INHIBITION - STG 31				
Flow Assurance in Oil and Gas Production: Information Exchange	TEG 202X	Wednesday	10 a.m. - Noon	Grand Ballroom Salon B
Downhole Corrosion and Scale Inhibitor Application via Capillary Tubing	TG 512	Wednesday	1 - 2 p.m.	Grand Ballroom Salon B
Oil and Gas Production, Sour Corrosion: Information Exchange	TEG 282X	Wednesday	2 - 4 p.m.	Grand Ballroom Salon B
Oil and Gas Production—Corrosion and Scale Inhibition	STG 31	Wednesday	4 - 5 p.m.	Grand Ballroom Salon B
OIL AND GAS PRODUCTION—NONMETALLICS AND WEAR COATINGS (METALLIC) - STG 33				
Nonmetallic Materials for Onshore and Offshore Facilities	TEG 500X	Wednesday	8 a.m. - noon	Grand Ballroom Salon A&B
Coatings and Linings Technology for Oil and Gas	TEG 524X	Wednesday	1 - 2:30 p.m.	Grand Ballroom Salon A&B
Oil and Gas Production—Nonmetallics and Wear Coatings (Metallic)	STG 33	Wednesday	2:30 - 4 p.m.	Grand Ballroom Salon A&B
PETROLEUM REFINING AND GAS PROCESSING - STG 34				
Refinery Injection and Process Mixing Points	TG 174	Monday	9:30 - 10:30 a.m.	Grand Ballroom Salon C&D
Materials and Fabrication Practices for New Pressure Vessels Used in Wet H ₂ S Refinery Service	TG 301	Monday	10:30 a.m. - noon	Grand Ballroom Salon C&D
Carbonate Stress Corrosion Cracking in Refinery Alkaline Sour Waters	TG 347	Monday	1 - 1:30 p.m.	Grand Ballroom Salon C&D
Refineries, Environmental Cracking: Review of NACE SP0403 (Formerly RP0403)	TG 177	Monday	1:30 - 2 p.m.	Grand Ballroom Salon C&D
Crude Unit Distillation Column Overhead Corrosion	TG 342	Monday	2 - 3 p.m.	Grand Ballroom Salon C&D
Petroleum Refining Sulfide Stress Cracking (SSC): Review of NACE Standard MR0103	TG 231	Monday	3 - 3:30 p.m.	Grand Ballroom Salon C&D
Petroleum Refinery Corrosion Specialist Certification and Oversight of Refining Industry Corrosion Control Course Content	TG 393	Monday	3:30 - 4 p.m.	Grand Ballroom Salon C&D
Joint API/NACE Advisory Committee—API 751 Safe Operation of HF Alkylation Units—Corrosion and Materials Sections	TG 510	Monday	4 - 5p.m.	Grand Ballroom Salon C&D
Refining State-of-the-Art Session	TEG 206X	Tuesday	9 - 11:30 a.m.	Grand Ballroom Salon C&D
Refining and Gas Processing Session on New Developments	TEG 207X	Tuesday	1 - 2 p.m.	Grand Ballroom Salon C&D
Refining State-of-the-Art Session	TEG 206X	Tuesday	2 - 5 p.m.	Grand Ballroom Salon C&D
Refining Industry Information Exchange	TEG 205X	Wednesday	8 a.m. - noon	Grand Ballroom Salon C&D

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Meeting	Committee	Day	Time	Room
PETROLEUM REFINING AND GAS PROCESSING - STG 34				
Gas Treating Control Systems Corrosion Minimization	TEG 113X	Wednesday	10:30 a.m. - noon	Grand Ballroom Salon C&D
Refining Industry Information Exchange	TEG 205X	Wednesday	1 - 5 p.m.	Grand Ballroom Salon C&D
Petroleum Refining and Gas Processing	STG 34	Thursday	8 - 10 a.m.	Grand Ballroom Salon C&D
PIPELINES, TANKS, AND WELL CASINGS - STG 35				
Pipeline Coating: Aboveground Techniques for the Underground Evaluation of Condition	TG 294	Sunday	8 - 10 a.m.	Grand Ballroom Salon C
Internal Corrosion Direct Assessment Methodology for Liquid Petroleum Pipelines	TG 315	Sunday	10 a.m. - noon	Grand Ballroom Salon C
Pipeline External Corrosion Confirmatory Direct Assessment	TG 377	Sunday	1 - 2:30 p.m.	Grand Ballroom Salon C
Pipeline Direct Assessment Methodology	TG 041	Sunday	2:30 - 5 p.m.	Grand Ballroom Salon C
Monitoring of Pipeline Casing Using CP Coupons, ER Probes, Permanent Reference Electrodes, etc. within the Annular Space of the Casing	TG 547	Monday	8 - 9 a.m.	Lindbergh Room (1st floor)
Mitigation and Prioritization Strategies for Casings	TG 567	Monday	9 - 10:30 a.m.	Lindbergh Room (1st floor)
Pipelines, Steel-Cased	TG 012	Monday	10:30 - 11:30 a.m.	Lindbergh Room (1st floor)
Measurement Techniques Related to Criteria for Cathodic Protection on Underground or Submerged Metallic Tank Systems	TG 209	Monday	11:30 a.m. - noon	Lindbergh Room (1st floor)
Steel Pipelines and Piping Systems: Internal Corrosion Control	TG 038	Monday	1 - 3 p.m.	Lindbergh Room (1st floor)
Techniques for Evaluating the Corrosiveness of Onshore Structures External Environment	TG 369	Monday	3 - 5 p.m.	Lindbergh Room (1st floor)
Pipeline Corrosion Management	TG 370	Tuesday	9 - 10:30 a.m.	Gateway 4&5
Technical Guidance for Using Self-Propelled In-Line Inspection Devices in the Direct Examination Phase of External Corrosion Direct Assessment	TG 522	Tuesday	10:30 a.m. - noon	Gateway 4&5
Report on Underdeposit Corrosion (UDC) of Pipelines	TG 533	Tuesday	1 - 3 p.m.	Gateway 4&5
Pipelines: In-Line Inspection	TEG 267X	Tuesday	3 - 5 p.m.	Gateway 4&5
External Cathodic Protection of On-Grade Carbon Steel Storage Tank Bottoms	TG 013	Wednesday	8 - 10 a.m.	Gateway 4&5
Standard for External Corrosion Control of On-Grade Carbon Steel Storage Tank Bottoms	TG 543	Wednesday	10 a.m. - noon	Gateway 4&5
Control of External Corrosion on Underground or Submerged Metallic Piping Systems	TG 360	Wednesday	1 - 5 p.m.	Gateway 4&5

Continued on next page

Meeting	Committee	Day	Time	Room
PIPELINES, TANKS, AND WELL CASINGS - STG 35				
Pipeline Crossings: Steel-Cased, Thrust-Bored, and HDD	TEG 208X	Wednesday	1 - 2 p.m.	Grand Ballroom Salon F&G
Underground Storage Tank Systems: Corrosion Control by Cathodic Protection	TG 011	Wednesday	2 - 3 p.m.	Grand Ballroom Salon F&G
Joint Meeting STG 05 and 35	STG 35	Thursday	8 - 11 a.m. and 1 - 5 p.m.	Gateway 4&5
PROCESS INDUSTRY—MATERIALS PERFORMANCE IN CHEMICALS - STG 36				
Control of Corrosion Under Thermal Insulation and Fireproofing Materials—A Systems Approach	TG 325	Monday	3 - 5 p.m.	Grand Ballroom Salon B
ELECTRIC UTILITY GENERATION, TRANSMISSION, AND DISTRIBUTION - STG 41				
Electric Utility Transmission and Distribution Corrosion and Grounding: Discussion of Issues	TEG 368X	Wednesday	11 a.m. - noon	Gateway 3
Electric Utility Transmission and Distribution Corrosion and Grounding: Discussion of Issues	TEG 368X	Wednesday	1 - 2 p.m.	Gateway 3
Nuclear Buried Piping	TG 404	Wednesday	2 - 4 p.m.	Gateway 3
Nuclear System Corrosion	TG 224	Wednesday	4 - 5 p.m.	Gateway 3
Nuclear Buried and Underground Piping	TEG 465X	Wednesday	4 - 5 p.m.	Gateway 3
Test Method for Monitoring Atmospheric Corrosion Rate by Electrochemical Measurements	TG 530	Thursday	8 - 9 a.m.	Gateway 3
Atmospheric Above Grade Inspection and Assessment of Corrosion on Steel Electrical Transmission, Distribution, and Substation Structures	TG 529	Thursday	9 - 11 a.m.	Gateway 3
Electric Utility Generation, Transmission, and Distribution	STG 41	Thursday	11a.m. - noon	Gateway 3
TRANSPORTATION, LAND - STG 43				
Transportation, Land	STG 43	Monday	8 a.m. - 5 p.m.	Gateway 1
MARINE CORROSION: SHIPS AND STRUCTURES - STG 44				
Citric Acid-Based Stainless Steel Passivation of Tankers and Storage Tanks	TG 570	Wednesday	8 - 10 a.m.	Market Street Room (1st floor)
Discussion on Ecological Risks of BioFouling	TEG 532X	Wednesday	10 a.m. - noon	Market Street Room (1st floor)
Dry Docking Hull Surface Maintenance and Repair Standard Practice	TG 576	Wednesday	1 - 3 p.m.	Market Street Room (1st floor)
CORROSION IN MINING AND MINERAL PROCESSING - STG 47				
Corrosion in Mining and Mineral Processing	STG 47	Monday	8 - 5 p.m.	Grand Ballroom Salon A

Continued on next page

Meeting	Committee	Day	Time	Room
INHIBITION—CORROSION AND SCALING - STG 61				
Underdeposit Corrosion—Testing and Mitigation	TG 380	Tuesday	9 a.m. - 3 p.m.	Grand Ballroom Salon A
CORROSION MONITORING AND MEASUREMENT — SCIENCE AND ENGINEERING APPLICATIONS - STG 62				
Corrosion Monitoring and Measurement—Science and Engineering Applications	STG 62	Tuesday	9 - 11 a.m.	Gateway 1
API MEETINGS				
API RP 941 & TR 941 High Temperature Hydrogen Attack		Monday	8 - 10 a.m.	Gateway 2
API RP 582 Welding		Monday	10 a.m. - noon	Gateway 2
API TR 934-J Coke Drum Repairs & Maintenance		Monday	1 - 3 p.m.	Gateway 2
API 938-C Duplex SS		Monday	3 - 5 p.m.	Gateway 2
API 934-A 2.25 & 3.0 CrMoV Materials & Fabrication API 934-B/D API RP 934-C 1.25 CrMo for Heavy Wall H2 < 825F Materials & Fabrication API 934-E 1.25 CrMo for > 825F Materials & Fabrication API TR 938-B Use of Grade 91		Tuesday	9 a.m. - noon	Gateway 2
API RP 934-H Cr-Mo Maintenance API RP 934-I Cr-Mo Inspection		Tuesday	1 - 3 p.m.	Gateway 2
API RP 934-F 2.25 & 3.0 CrMoV Reactor MPT's		Tuesday	3 - 4 p.m.	Gateway 2
API RP 945 Amine SCC		Tuesday	4 - 5 p.m.	Gateway 2
API SCCM (Officers only)		Wednesday	7 - 8 a.m.	Grand Ballroom Salon F&G
SCCM Research and Joint Meeting		Thursday	8 - 10 a.m.	Gateway 2
ADMINISTRATIVE MEETINGS				
TCC Session 1		Sunday	1:30 - 4:30 p.m.	Gateway 2
TCC Advisory Committee on Operations (ACO)		Monday	8 a.m. - noon	Grand Ballroom Salon G
TCC Reference Publications Committee (RPC)		Wednesday	2 - 4 p.m.	Gateway 1
TCC Session 2		Thursday	11:30 a.m. - 2:30 p.m.	Grand Ballroom Salon F&G

Continued on next page

Meeting	Day	Time	Room
ADMINISTRATIVE MEETINGS			
TRAC	Thursday	3 - 4:30 p.m.	Grand Ballroom Salon F&G
OTHER MEETINGS			
TMG N2 Officers Meeting	Sunday	8 - 10 a.m.	Grand Ballroom Salon A
Education Subcommittee Meeting	Monday	9 - 11 a.m.	Gateway 4&5
NII - Specialty Board for Pipeline Certifications Meeting	Monday	1 - 3 p.m.	Grand Ballroom Salon G
Internal Corrosion Subcommittee Meeting	Monday	1 - 3 p.m.	Gateway 4&5
Public Policy & Outreach Committee	Tuesday	10 - 11:30 a.m.	Market Street Room (1st Floor)
NII - Specialty Board for Protective Coating Certifications Meeting	Tuesday	1 - 4 p.m.	Gateway 1
Coating Council	Tuesday	1 - 2:30 p.m.	Broadway 1 & 2 (1 st floor)
Water Council	Tuesday	3 - 4:30 p.m.	Broadway 1 & 2 (1 st floor)
NIICAP Contractors Subcommittee	Wednesday	10 a.m. - noon	Grand Ballroom F&G
ISO MEETINGS			
ISO TC 35 U.S. TAG	Wednesday	8 - 10 a.m.	Gateway 1
ISO TC 156 U.S. TAG	Wednesday	10 a.m. - noon	Gateway 1



CORROSION
Conference & Expo
March 15-19 • Houston, Texas **2020**

Don't miss out on **THE** corrosion and protective coatings industry event of the year!

NACE is bringing the world's largest corrosion conference & expo back to its home town, **HOUSTON!**

Expect **CORROSION 2020** to be bigger than ever with more exhibits, more attendees, and more corrosion and coatings content.

Expand your professional network and build key business partnerships with:

6,000+ corrosion industry professionals from 60 countries

1,000+ hours of technical education, corrosion knowledge & professional development strategies for whatever your corrosion-fighting role

400+ companies from around the globe displaying the latest corrosion control products, technologies, and services

Save the date and visit nacecorrosion.org for more information on attending or contact sales@nace.org for exhibits and sponsorship opportunities.



The background of the advertisement features a collage of industrial scenes. At the top left, two workers in hard hats and safety glasses are looking towards the camera. To their right, several large industrial pipes are shown, some of which are heavily corroded and rusted. The bottom half of the image is a dark, semi-transparent overlay featuring a close-up of a worker's face wearing a hard hat and safety glasses. The overall color scheme is dominated by teal and dark grey tones.

Out of sight, out of mind? Get on top of your hidden corrosion problem!

Corrosion under insulation (CUI) is one of the most well-known and widespread threats facing the petrochemical industry today, requiring an extensive plan to help combat the ongoing issue.

The latest solution in CUI prevention and mitigation
NACE Corrosion Under Insulation Course

An interactive, hands-on training course led by industry experts and designed to give you a practical understanding of :

- How CUI occurs and the unique problems encountered
- Various coatings, insulation and jacketing types used in CUI service
- Considerations when designing, installing, maintaining and inspecting insulated equipment that is at risk for CUI.
- Long-term mitigation programs

REDUCE costs. AVOID shutdowns. PROTECT workers.

Enroll today!

www.nace.org/cui



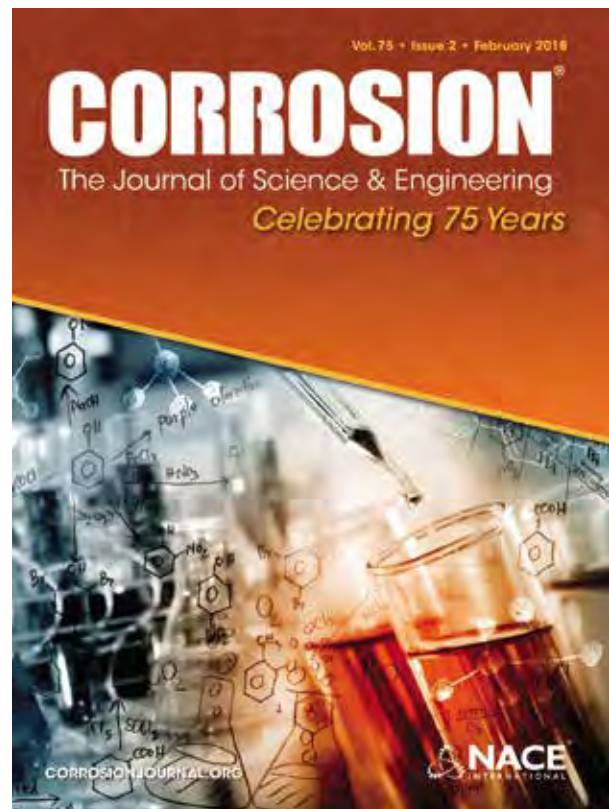
Gain a Competitive Advantage in Corrosion Research

Broaden your knowledge of corrosion analysis and review with a subscription to *CORROSION*.

CORROSION, a peer-reviewed journal published by NACE International, features technical articles, in-depth topical reviews, and themed issues discussing the most recent advances in corrosion prevention and control. Over the past 70 years, *CORROSION* has been at the forefront of corrosion research and technology of corrosion prevention and control.

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