

Click on Meeting Name to Add to Itinerary

Other Meetings

Time	Name	Description	Committee(s)	Location	Location Detail
Friday, 8 a.m. to 5 p.m.	NACE Foundation Board of Directors			Sheraton Phoenix Downtown	Astraya
Sunday, 8 a.m. to 5 p.m.	Limited Edition NACE 75th Anniversary T-Shirt Size Small	Limited Edition NACE 75th Anniversary T-Shirt: Order Before March 1st, 2018 to receive the special pre-order price of \$18. After March 1st, 2018 Price of \$22. Tickets can be redeemed for T-Shirts in the NACE Book store.		Phoenix Convention Center	
Sunday, 8 a.m. to 5 p.m.	Limited Edition NACE 75th Anniversary T-Shirt Size Medium	Limited Edition NACE 75th Anniversary T-Shirt: Order Before March 1st, 2018 to receive the special pre-order price of \$18. After March 1st, 2018 Price of \$22. Tickets can be redeemed for T-Shirts in the NACE Book store.		Phoenix Convention Center	
Sunday, 8 a.m. to 5 p.m.	Limited Edition NACE 75th Anniversary T-Shirt Size Large	Limited Edition NACE 75th Anniversary T-Shirt: Order Before March 1st, 2018 to receive the special pre-order price of \$18. After March 1st, 2018 Price of \$22. Tickets can be redeemed for T-Shirts in the NACE Book store.		Phoenix Convention Center	
Sunday, 8 a.m. to 5 p.m.	Limited Edition NACE 75th Anniversary T-Shirt Size Extra Large	Limited Edition NACE 75th Anniversary T-Shirt: Order Before March 1st, 2018 to receive the special pre-order price of \$18. After March 1st, 2018 Price of \$22. Tickets can be redeemed for T-Shirts in the NACE Book store.		Phoenix Convention Center	

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Sunday, 8 a.m. to 5 p.m.	Limited Edition NACE 75th Anniversary T-Shirt Size 2XL	Limited Edition NACE 75th Anniversary T-Shirt: Order Before March 1st, 2018 to receive the special pre-order price of \$18. After March 1st, 2018 Price of \$22. Tickets can be redeemed for T-Shirts in the NACE Book store.	Phoenix Convention Center	
Sunday, 11 :30a.m. to 4 p.m.	Western Area Board of Trustees		Phoenix Convention Center	Room 226 A
Sunday, 2 p.m. to 5 p.m.	Guest Reception		Sheraton Phoenix Downtown	Oculus
Sunday, 7 p.m. to 10 p.m.	Chinese Society of Corrosion and Protection (CSCP) Dinner		Sheraton Phoenix Downtown	Encanto
Monday, 7 a.m. to 8 :30a.m.	Speaker Breakfast Monday		Phoenix Convention Center	Room 120 A
Monday, 8 a.m. to 9 a.m.	Plenary Lecture		Phoenix Convention Center	Room 121 A-C
Monday, 8 a.m. to 9 :30a.m.	Guest Breakfast Monday		Sheraton Phoenix Downtown	Oculus

Monday, 11 :30a.m. to 1 :30p.m.	Women in Corrosion Luncheon	Back by popular demand, the Women in Corrosion Luncheon returns in 2018 with renowned keynote speakers from the NACE community. This is an opportunity to: <ul style="list-style-type: none">•Enrich your professional development•Network with professional peers•Seek advice from women in the corrosion industry•Hear industry professionals discuss the career paths that have led them to leadership roles. If you're seeking to boost your success in the workplace, add the Women in Corrosion Luncheon to your conference itinerary. Individual tickets are \$20, including lunch. Limited seats available. Register for the Women in Corrosion Luncheon during the online registration process at www.nacecorrosion.org .	Phoenix Convention Center	Room 120 A
Monday, 1 p.m. to 2 p.m.	NACE U Student Meeting		Phoenix Convention Center	Room 129
Monday, 1 p.m. to 5 p.m.	Education Strategic Planning		Phoenix Convention Center	Room 222 A
Tuesday, 7 a.m. to 8 :30a.m.	Speaker Breakfast Tuesday		Phoenix Convention Center	Room 120 A
Tuesday, 7 a.m. to 9 a.m.	Fellow's Breakfast		Phoenix Convention Center	Room 103
Tuesday, 8 a.m. to 9 a.m.	Keynote		Phoenix Convention Center	Room 120 B-D
Tuesday, 8 a.m. to 9 :30a.m.	Guest Breakfast Tuesday		Sheraton Phoenix Downtown	Oculus
Tuesday, 8 a.m. to 5 p.m.	Headshot Station and Career Fair		Phoenix Convention Center	Exhibit Hall
Tuesday, 1 p.m. to 5 p.m.	Chinese Society of Corrosion and Protection (CSCP) Seminar		Phoenix Convention Center	Room 227 A

Wednesday, 8 a.m. to 9 :30a.m.	Guest Breakfast Wednesday	Sheraton Phoenix Downtown	Oculus
Wednesday, 11 a.m. to 1 p.m.	NACE Arizona Section	Sheraton Phoenix Downtown	Ahwatukee
Wednesday, 11 :15a.m. to 11 :45a.m.	Speller Lecture	Phoenix Convention Center	Room 101
Wednesday, 11 :30a.m. to 1 p.m.	TCC Officer Training	Phoenix Convention Center	Room 104
Wednesday, 1 p.m. to 2 p.m.	NACE/ASTM J01.02 Joint subcommittee on Terminology	Phoenix Convention Center	Room 104
Wednesday, 1 p.m. to 4 p.m.	NIICAP Oversight Board	Phoenix Convention Center	Room 122 A
Wednesday, 6 p.m. to 10 p.m.	Awards Banquet	Sheraton Phoenix Downtown	Valley of the Sun
Thursday, 7 a.m. to 8 :30a.m.	Speaker Breakfast Thursday	Phoenix Convention Center	Room 120 A

Central Area Board of Trustees CENTRAL BOT

Time	Name	Description	Committee(s)	Location	Location Detail
Monday, 9 a.m. to 12 a.m.	Central Area Board of Trustees		CENTRAL BOT	Phoenix Convention Center	Room 126 A

East Asia & Pacific Rim Area Board of Trustees E ASIA BOT

Time	Name	Description	Committee(s)	Location	Location Detail
Sunday, 1 p.m. to 4 p.m.	East Asia & Pacific Area Board of Trustees		E ASIA BOT	Phoenix Convention Center	Room 127 A

Eastern Area Board of Trustees EASTERN BOT

Time	Name	Description	Committee(s)	Location	Location Detail
Monday, 9 a.m. to 5 p.m.	Eastern Area Board of Trustees		EASTERN BOT	Phoenix Convention Center	Room 231

Education Committee EC

Time	Name	Description	Committee(s)	Location	Location Detail
Monday, 1 p.m. to 3 p.m.	Education Committee		EC	Phoenix Convention Center	Room 222 A

Latin American Area Board of Trustees LAMERICAN BOT

Time	Name	Description	Committee(s)	Location	Location Detail
Sunday, 12 a.m. to 5 p.m.	Latin America Area Board of Trustees		LAMERICAN BOT	Phoenix Convention Center	Room 126 A

NACE Foundation Mini- Camp MINI CAMP

Time	Name	Description	Committee(s)	Location	Location Detail
Wednesday, 8 a.m. to 4 p.m.	Foundation Mini-Camp CORROSION: Opportunities Realized		MINI CAMP	Phoenix Convention Center	Room 232

NACE Institute Certification Commission NII004

Time	Name	Description	Committee(s)	Location	Location Detail
Monday, 1 p.m. to 3 p.m.	NII Certification Commission		NII004	Sheraton Phoenix Downtown	Laveen

NII Specialty Board for Protective Coatings Certifications NII04B

Time	Name	Description	Committee(s)	Location	Location Detail
Sunday, 8 a.m. to 10 a.m.	NII Specialty Board for Protective Coatings		NII04B	Sheraton Phoenix Downtown	Laveen

NII Specialty Board for Pipeline Certifications NII04E

Time	Name	Description	Committee(s)	Location	Location Detail
Sunday, 10 :30a.m. to 12 :30a.m.	NII Specialty Board for Pipeline Certifications		NII04E	Sheraton Phoenix Downtown	Laveen

Section Officer Meeting SEC OFC

Time	Name	Description	Committee(s)	Location	Location Detail
Wednesday, 10 a.m. to 12 a.m.	Section Officers		SEC OFC	Phoenix Convention Center	Room 231

Technical Coordination Committee (TCC) TCC ALL

Time	Name	Description	Committee(s)	Location	Location Detail
Wednesday, 11 :30a.m. to 1 p.m.	TCC Coordinator Training		TCC ALL	Phoenix Convention Center	Room 226 A

TCC Session 1 TCC01

Time	Name	Description	Committee(s)	Location	Location Detail
Sunday,9 a.m. to 10 a.m.	TCC 101 Session I		TCC01	Phoenix Convention Center	Room 231

TCC Session 2 TCC2

Time	Name	Description	Committee(s)	Location	Location Detail
Monday,9 a.m. to 10 a.m.	TCC 101 Session II		TCC2	Phoenix Convention Center	Room 129

Administrative Meetings

Time	Name	Description	Committee(s)	Location	Location Detail
Friday,11 :30a.m. to 5 p.m.	Executive Committee and Board Orientation			Sheraton Phoenix Downtown	Aracadia
Saturday,8 a.m. to 5 p.m.	Board of Directors			Sheraton Phoenix Downtown	Maryvale
Sunday,1 p.m. to 5 p.m.	African Corrosion Professionals			Phoenix Convention Center	Room 130
Sunday,4 :30p.m. to 5 p.m.	General Membership Meeting			Phoenix Convention Center	Room 101
Monday,10 a.m. to 11 :30a.m.	Student Poster Orientation			Phoenix Convention Center	Room 129
Monday,10 a.m. to 1 p.m.	Past Presidents Council			Sheraton Phoenix Downtown	North Mountain
Monday,11 :30a.m. to 1 :30p.m.	CORROSION Journal Editorial Board			Phoenix Convention Center	Room 223
Monday,1 :30p.m. to 5 :30p.m.	Policy Committee			Sheraton Phoenix Downtown	North Mountain
Thursday,8 a.m. to 12 a.m.	Research Committee			Phoenix Convention Center	Room 231

Area Coordination Committee ACC

Time	Name	Description	Committee(s)	Location	Location Detail
Sunday,8 a.m. to 11 a.m.	Area Coordination Committee		ACC	Phoenix Convention Center	Room 126 A

ACPC Session 2 ACPC2

Time	Name	Description	Committee(s)	Location	Location Detail
Sunday,9 a.m. to 11 a.m.	ACPC Session I		ACPC2	Phoenix Convention Center	Room 223
Wednesday,9 a.m. to 11 a.m.	ACPC Session II		ACPC2	Phoenix Convention Center	Room 104

Awards Committee AWARDS

Time	Name	Description	Committee(s)	Location	Location Detail
Monday,9 a.m. to 12 a.m.	Awards Committee		AWARDS	Phoenix Convention Center	Room 226 A

Publications Activities Committee CBC35

Time	Name	Description	Committee(s)	Location	Location Detail
Sunday,1 p.m. to 4 p.m.	Publications Activities Committee		CBC35	Phoenix Convention Center	Room 104

MP Editorial Advisory Board MP EDIT

Time	Name	Description	Committee(s)	Location	Location Detail
Sunday,10 a.m. to 12 a.m.	MP Editorial Board		MP EDIT	Phoenix Convention Center	Room 104

NACE Institute Board of Directors NII001

Time	Name	Description	Committee(s)	Location	Location Detail
Monday,9 :30a.m. to 11 a.m.	NII Board of Directors		NII001	Sheraton Phoenix Downtown	Laveen

NACE Institute Policy and Practices Committee NII002

Time	Name	Description	Committee(s)	Location	Location Detail
Tuesday,1 p.m. to 3 p.m.	NII Policy and Practices Committee		NII002	Sheraton Phoenix Downtown	Laveen

TCC Operations Committee OPR CMT

Time	Name	Description	Committee(s)	Location	Location Detail
Monday, 1 p.m. to 5 p.m.	TCC Operations		OPR CMT	Phoenix Convention Center	Room 104

TCC Planning Committee PLN CMT

Time	Name	Description	Committee(s)	Location	Location Detail
Tuesday, 9 a.m. to 1 p.m.	TCC Planning		PLN CMT	Phoenix Convention Center	Room 226 A

Public Policy and Outreach Committee PPOC

Time	Name	Description	Committee(s)	Location	Location Detail
Wednesday, 1 p.m. to 3 p.m.	Public Policy & Outreach Committee		PPOC	Phoenix Convention Center	Room 127 A

TCC Reference Publications Committee (RPC) RPC

Time	Name	Description	Committee(s)	Location	Location Detail
Wednesday, 2 p.m. to 4 p.m.	TCC Reference Publications Committee (RPC)		RPC	Phoenix Convention Center	Room 104

TCC Session 1 TCC01

Time	Name	Description	Committee(s)	Location	Location Detail
Sunday, 1 :30p.m. to 4 :30p.m.	TCC Session I		TCC01	Phoenix Convention Center	Room 231

TCC Session 2 TCC2

Time	Name	Description	Committee(s)	Location	Location Detail
Thursday, 12 a.m. to 2 p.m.	TCC Session II		TCC2	Phoenix Convention Center	Room 130

Technical and Research Activities Committee (TRAC) TRAC

Time	Name	Description	Committee(s)	Location	Location Detail
Thursday, 2 :30p.m. to 4 :30p.m.	TRAC		TRAC	Phoenix Convention Center	Room 130

Networking Meetings

Time	Name	Description	Committee(s)	Location	Location Detail
Saturday, 7 a.m. to 9 p.m.	Saturday Guest Tour: The Grand Canyon	<p>Sit back, relax and get ready to enjoy a fun and informative 14 hour tour to the Grand Canyon, including stops in Sedona and the Navajo Reservation. There will be brief stops to view the famous Red Rocks of Sedona before a spectacular scenic drive through Oak Creek Canyon. Enjoy a delicious lunch, on your own, at the Cameron Trading Post on the Navajo Reservation overlooking the Little Colorado River Gorge before heading into Grand Canyon National Park. Time allows to walk around the rim and take some spectacular pictures. Your last stop will include time to shop and view the canyon one last time from the historic El Tovar Hotel. Your return trip includes a 30 minute rest stop so you can grab a quick bite before returning to your hotel. Don't miss this once in a lifetime Grand Canyon Experience!</p> <p>Price includes: Entrance Fees, Guide Service, transportation, bottled water</p>		Sheraton Phoenix Downtown	
Sunday, 8 a.m. to 11 a.m.	NACE Foundation - C18 NACE Race Individual Entry	<p>Individual entry for the 23rd Annual NACE Race is \$20 USD, and includes official race t-shirt and post-race refreshments. Participants will meet at convention center to ride shuttle to park.</p> <p>Location TBD</p>		Phoenix Convention Center	
Sunday, 8 :30a.m. to 3 p.m.	NACE Foundation - C18 Golf Tournament Early Corporate Package	<p>Join us at TPC Scottsdale for the Darrel D. Byerley Memorial Golf Tournament to kick off CORROSION 2018 in Phoenix. Corporate Package includes a foursome and Hole Sponsor recognition.</p>		TPC Scottsdale	

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Sunday, 8 :30a.m. to 3 p.m.	NACE Foundation - C18 Golf Tournament Early Corporate Team	Join us at TPC Scottsdale for the Darrel D. Byerley Memorial Golf Tournament to kick off CORROSION 2018 in Phoenix. Corporate Team includes a foursome.	TPC Scottsdale
Sunday, 8 :30a.m. to 3 p.m.	NACE Foundation - C18 Golf Tournament Individual Player	Join us at TPC Scottsdale for the Darrel D. Byerley Memorial Golf Tournament to kick off CORROSION 2018 in Phoenix. Sign up as an individual player, and we will place you with a foursome.	TPC Scottsdale
Sunday, 9 a.m. to 2 p.m.	NACE Foundation - C18 Clay Shoot Early Corporate Team	Kick off your week at CORROSION with a bang, and join the NACE Foundation at our 4th annual Clays for a Cause sporting clays shoot! Corporate Team includes team of 4 shooters.	Ben Avery Clay Target Center
Sunday, 9 a.m. to 2 p.m.	NACE Foundation - C18 Clay Shoot Early Corporate Package	Kick off your week at CORROSION with a bang, and join the NACE Foundation at our Clays for a Cause sporting clays shoot! Corporate Package includes team of 4 shooters and Station Sponsor recognition.	Ben Avery Clay Target Center
Sunday, 9 a.m. to 2 p.m.	NACE Foundation - C18 Clay Shoot Individual Entry	Kick off your week at CORROSION with a bang, and join the NACE Foundation at our Clays for a Cause sporting clays shoot! Sign up as an individual shooter, and we will place you on a 4-person team.	Ben Avery Clay Target Center
Sunday, 5 :30p.m. to 7 p.m.	Opening Reception		Phoenix Convention Center Room 120 A

Monday, 9 a.m. to 12 a.m.

[Monday Guest Tour: Desert Botanical Garden Discovery Tour](#)

Experience and embrace the magnificent beauty of the desert with a visit to the Desert Botanical Garden. Your 1 hour guided tour will focus on desert plant biology. You can explore the great diversity of form, texture and color found in this wondrous array of cacti and succulents from around the world. You will also learn how desert plants are uniquely adapted to survive and thrive in a harsh desert environment and people's interactions with desert plants. Learn the amazing ways people use desert plants for food, tools, and shelter. This tour features such plants as saguaros, agave, mesquite, prickly pear, and jojoba as you traverse through the highlights of this amazing collection. Additional time allowed to explore on your own.

Price includes, Admission and guided tour, Guide Service, transportation, bottled water

Sheraton Phoenix Downtown

Monday, 1 p.m. to 5 p.m.

[Monday Guest Tour: Phoenix City](#)

Enjoy a guided tour of Phoenix and the surrounding area. You will learn the history of Phoenix and its founders. Next, Mummy Mountain rises 300 feet above the Valley and offers 180 degree panoramic views of the Valley of the Sun. You will have a chance to see some of Frank Lloyd Wright's famous homes, in addition to the State Capitol Museum and the quaint shops of Old Town Scottsdale. Your last stop will be at the Pueblo Grande Museum. Here you can see 1,500 year old Hohokam village ruins. What a day!

Price includes: Museum Fee, tax, Guide Service, Transportation and Bottled Water

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Monday, 7 :30p.m. to 11 :30p.m.

[30 Below - For Young
Students & Professionals
Under 30](#)

Valley Bar

Tuesday, 8 a.m. to 4 p.m.

[Tuesday Guest Tour: Apache
Trail, Dolly Steamboat,
Goldfield Ghost Town](#)

Your Apache Trail tour begins as you travel the same route as the early explorers of the Apache trail and into the rugged wilderness of the Tonto National Forest. First stop is Sonoran Desert Walk-The Superstition Mountains will serve as the backdrop for an easy and informative Sonoran Desert Walk. Over thirty different plants, desert birds and mammal species are encountered along this scenic trail. These desert inhabitants played an important role in the daily lives of the Native Americans of the Sonoran Desert. Next, we visit Tortilla Flat, originally a stage stop in 1094. It is now a remnant of an Old West town and home to six people. Here, you will learn the history of the Superstition Mountains, hear about the Lost Dutchman, and other gold legends. Your journey back in time continues as you board the double decks of Dolly Steamboat for a 90 minute narrated tour of Canyon Lake. Here, you will enjoy lunch on your own.

Sheraton Phoenix Downtown

Tuesday, 8 p.m. to 11 p.m.

[NACE Foundation - C18
GenNEXT Bash Early
Individual Ticket](#)

The Van Buren

Wednesday, 9 :30a.m. to 2 p.m.

[Wednesday Guest Tour:
Odysea Experience](#)

You are off to visit the largest aquarium in the southwest, housing over 30,000 animals. You are on your own to roam through all this amazing venue has to offer. It has nine massive globe-shaped aquariums suspended from the lobby ceiling and a submerged escalator, allowing visitors to descend deep into the ocean while surrounded by thousands of aquatic animals. After lunch, on your own, you will also have time to visit Butterfly Wonderland. Here, you will discover the amazing life of the butterfly, from caterpillar to chrysalis. Step inside the largest indoor rainforest conservatory in the United States. Butterfly Wonderland truly is one of the most amazing butterfly conservatories in the world.

Price includes: Admission to Odysea Experience, Admission to Butterfly Wonderland, and Round-trip Transportation

Sheraton Phoenix Downtown

Wednesday, 2 p.m. to 5 p.m.

[Wednesday Guest Tour: Old
Town Scottsdale Shopping](#)

Old Town Scottsdale is located on the original townsite of Scottsdale. This district offers boutique shopping alongside souvenirs, jewelry and art with a Southwestern flair. The Fifth Avenue arts district combines the ambience of old Scottsdale with some of the best restaurants and unique shops. There are over 80 specialty shops that offer an eclectic mix of goods. Combined with an array of dining options, this makes for a wonderful escape.

Price includes: Round-trip transportation, bottled water

Sheraton Phoenix Downtown

Wednesday, 6 p.m. to 10 p.m.

[Awards Banquet Table](#)

Sheraton Phoenix Downtown

Valley of the Sun

Technical Committee Meetings

Molecular Microbiological Methods - Sample Handling and Laboratory Processing AD HOC 45

Time	Name	Description	Committee(s)	Location	Location Detail
Sunday, 3 :30p.m. to 4 :30p.m.	Molecular Microbiological Methods – Sample Handling and Laboratory Processing		AD HOC 45	Phoenix Convention Center	Room 103

Reinforced Concrete STG 01 - Reinforced Concrete

Time	Name	Description	Committee(s)	Location	Location Detail
Sunday, 8 a.m. to 9 a.m.	Reinforced Concrete: Anode Test Procedures		TG 045 [01](05)	Phoenix Convention Center	Room 221 C
Sunday, 9 a.m. to 10 a.m.	Inspection Methods for Corrosion Evaluation of Prestressed Concrete Structures		TG 504 [01]	Phoenix Convention Center	Room 221 C
Sunday, 10 a.m. to 12 a.m.	State of the Art Report: Criteria for Corrosion Control of Steel in Concrete		TG 545 [01]	Phoenix Convention Center	Room 221 C
Sunday, 11 a.m. to 12 a.m.	Inspection Methods for Corrosion Evaluation of Conventionally Reinforced Concrete Structures		TG 055 [01](62)	Phoenix Convention Center	Room 227 A
Sunday, 1 p.m. to 2 p.m.	Sacrificial Cathodic Protection of Reinforced Concrete Elements		TG 557 [01](05)	Phoenix Convention Center	Room 221 C
Sunday, 2 p.m. to 3 p.m.	Test Procedure for Embeddable Impressed Current Anodes for Atmospherically Exposed Structures		TG 472 [01](05)	Phoenix Convention Center	Room 221 C
Sunday, 3 p.m. to 4 p.m.	ICCP of Reinforcing Steel in Atmospherically Exposed Concrete Structures		TG 044 [01](05)	Phoenix Convention Center	Room 102
Sunday, 3 p.m. to 4 p.m.	Cathodic Protection of Prestressed Concrete Elements		TG 046 [01](05, 41)	Phoenix Convention Center	Room 221 C

Sunday, 3 p.m. to 5 p.m.	Reinforced Concrete: Maintenance and Rehabilitation Considerations for Existing Structures	TG 324 [01]	Phoenix Convention Center	Room 227 A
Sunday, 4 p.m. to 5 p.m.	Testing and Evaluation of Corrosion on Steel-Framed Buildings	TG 460 [01](02)	Phoenix Convention Center	Room 221 C
Tuesday, 1 p.m. to 2 p.m.	Reinforced Concrete: Corrosion-Resistant Reinforcement	TG 057 [01](11)	Phoenix Convention Center	Room 102
Tuesday, 2 p.m. to 3 p.m.	Reinforced Concrete: Stray-Current-Induced Corrosion	TG 356 [01](05)	Phoenix Convention Center	Room 102
Wednesday, 8 a.m. to 10 a.m.	Reinforced Concrete: Design, Evaluation, and Remediation	TEG 053X [01]	Phoenix Convention Center	Room 159
Wednesday, 10 a.m. to 11 a.m.	Electrochemical Realkalization of Steel-Reinforced Concrete – A State of the Art Report”	TG 556 [01]	Phoenix Convention Center	Room 159
Wednesday, 2 p.m. to 4 p.m.	Reinforced Concrete	STG 01	Phoenix Convention Center	Room 226 A

Coatings and Linings, Protective: Atmospheric STG 02 - Coatings and Linings, Protective: Atmospheric

Time	Name	Description	Committee(s)	Location	Location Detail
Sunday, 1 p.m. to 2 p.m.	Offshore Coatings: Laboratory Testing Criteria		TEG 346X [02](03, 44)	Phoenix Convention Center	Room 105
Monday, 9 a.m. to 11 a.m.	Review of NACE Standard TM 0304-2004		TG 312 [02]	Phoenix Convention Center	Room 123
Monday, 9 a.m. to 11 a.m.	Review of NACE Standard TM 0304-2004		TG 260 [02](33)	Phoenix Convention Center	Room 123
Monday, 10 a.m. to 12 a.m.	Determining True Insulative Value of Liquid Insulative Materials Applied on Steel Surfaces		TG 525 [02]	Phoenix Convention Center	Room 150

Monday, 11 a.m. to 12 a.m.	Threaded Fasteners: Coatings for Protection of Threaded Fasteners Used with Structural Steel, Pipin	TG 148 [02]	Phoenix Convention Center	Room 121 C
Tuesday, 10 a.m. to 12 a.m.	Hot-Dip Galvanizing for Steel Corrosion Protection	TEG 428X [02](03, 04)	Phoenix Convention Center	Room 123
Wednesday, 2 p.m. to 4 p.m.	Application And Inspection of Intumescent Fireproofing	AD HOC 44 [02]	Phoenix Convention Center	Room 226 A
Thursday, 9 a.m. to 10 :30a.m.	Coatings and Linings, Protective Atmospheric, immersion and Surface Preparation	STG 02	Phoenix Convention Center	Room 121 C

Coatings and Linings, Protective: Immersion and Buried Service STG 03 - Coatings and Linings, Protective: Immersion and Buried Service

Time	Name	Description	Committee(s)	Location	Location Detail
Sunday, 8 a.m. to 5 p.m.	Advances in Coatings Under Insulation (CUI) Technologies		TEG 351X [03](04)	Phoenix Convention Center	Room 225 A-B
Sunday, 9 a.m. to 10 a.m.	Consequences of Coating Failures as Related to Interaction with Cathodic Protection		TG 523 [03]	Phoenix Convention Center	Room 103
Sunday, 1 p.m. to 1 p.m.	Standard Practice for Evaluating Protective Coatings for Use Under Insulation		TG 516 [03](02, 04, 43)	Phoenix Convention Center	Room 101
Sunday, 1 p.m. to 3 p.m.	State of the Art in CUI Coating Systems		TG 425 [03](02, 04, 34, 36)	Phoenix Convention Center	Room 127 B-C
Sunday, 2 p.m. to 3 p.m.	Coating Conductance		TG 030 [03](05, 35, 62)	Phoenix Convention Center	Room 121 C
Sunday, 2 p.m. to 3 p.m.	High Temperature, High Pressure, Corrosive, Service Environments pertaining to Oil and Gas		TEG 526X [03](33)	Phoenix Convention Center	Room 105
Sunday, 4 p.m. to 5 :30p.m.	Coating Systems (External) for Pipeline Directional Drill Applications		TG 352 [03](04, 35)	Phoenix Convention Center	Room 102

Monday,9 a.m. to 11 a.m.	Review of NACE Standard TM 0304-2004	TG 263 [03](33)	Phoenix Convention Center	Room 123
Monday,9 a.m. to 11 a.m.	Review of NACE Standard TM 0304-2004	TG 264 [03](33)	Phoenix Convention Center	Room 123
Monday,11 a.m. to 12 a.m.	Field-Applied Fusion-Bonded Epoxy (FBE) Pipe Coating Systems for Girth Weld Joints	TG 249 [03](04, 35)	Phoenix Convention Center	Room 123
Tuesday,10 a.m. to 12 a.m.	Sheet Rubber Linings for Abrasion and Corrosion Service	TG 540 [03]	Phoenix Convention Center	Room 150
Tuesday,1 p.m. to 4 p.m.	Coating, Polyolefin Resin Systems: Review of NACE SP0185-2007	TG 265 [03](04, 05, 35)	Phoenix Convention Center	Room 123
Wednesday,8 a.m. to 9 a.m.	Coatings, Heat-Shrink Sleeves for External Repair, Rehabilitations, and Weld Joints on Pipelines	TG 248 [03](04, 35)	Phoenix Convention Center	Room 102
Thursday,8 a.m. to 10 a.m.	Petroleum and natural gas industries -- External coatings for buried or submerged pipelines	TG 479 [03](02, 04, 35)	Phoenix Convention Center	Room 221 C
Thursday,9 a.m. to 10 :30a.m.	Coatings and Linings, Protective Atmospheric immersion and Surface Preparation	STG 03	Phoenix Convention Center	Room 121 C

Coatings and Linings, Protective: Surface Preparation STG 04 - Coatings and Linings, Protective: Surface Preparation

Time	Name	Description	Committee(s)	Location	Location Detail
Tuesday,1 p.m. to 2 p.m.	Soluble Salt Limits based on Service Environment		TG 546 [04]	Phoenix Convention Center	Room 222 A
Thursday,9 a.m. to 10 :30a.m.	Coatings and Linings, Protective Atmospheric immersion and Surface Preparation		STG 04	Phoenix Convention Center	Room 121 C

Cathodic/Anodic Protection STG 05 - Cathodic/Anodic Protection

Time	Name	Description	Committee(s)	Location	Location Detail
Sunday,8 a.m. to 10 a.m.	<u>Steel, Structural: Corrosion Control of Piling in Nonmarine Applications</u>		TG 018 [05](01, 03)	Phoenix Convention Center	Room 122 A
Sunday,10 a.m. to 12 a.m.	<u>Alternating Current (AC) Power Systems, Adjacent: Corrosion Control and Related Safety Procedures</u>		TG 025 [05](03, 35)	Phoenix Convention Center	Room 122 A
Sunday,11 a.m. to 12 a.m.	<u>Cathodic Protection Coupon Technology</u>		TG 210 [05](35)	Phoenix Convention Center	Room 122 B-C
Monday,9 a.m. to 10 :30a.m.	<u>Cathodic Protection Rectifier Safety</u>		TG 388 [05](01, 30, 35)	Phoenix Convention Center	Room 122 A
Monday,9 a.m. to 11 a.m.	<u>ICCP of Internal Submerged Surfaces of Steel Water Storage Tanks</u>		TG 167 [05]	Phoenix Convention Center	Room 127 A
Monday,9 a.m. to 11 a.m.	<u>ICCP of Internal Submerged Surfaces of Steel Water Storage Tanks</u>		TG 284 [05](11, 35)	Phoenix Convention Center	Room 127 A
Monday,9 a.m. to 11 a.m.	<u>Cathodic Protection</u>		TEG 179X [05]	Phoenix Convention Center	Room 101
Tuesday,9 a.m. to 10 a.m.	<u>Corrosion Control Coordinating Committee</u>		TEG 022X [05](01)	Phoenix Convention Center	Room 151
Tuesday,10 a.m. to 12 a.m.	<u>Cathodic Protection of Metallic Structures Submerged in Fresh Water</u>		TG 526 [05]	Phoenix Convention Center	Room 151
Thursday,9 a.m. to 10 :30a.m.	<u>Interference Problems</u>		TEG 262X [05](35)	Phoenix Convention Center	Room 125 A-B
Thursday,4 p.m. to 6 p.m.	<u>Cathodic/Anodic Protection, Pipelines, Tanks, and Well Casings</u>		STG 05	Phoenix Convention Center	Room 121 A-C

Cleaning, Chemical and Mechanical STG 06 - Cleaning, Chemical and Mechanical

Time	Name	Description	Committee(s)	Location	Location Detail
Wednesday,9 a.m. to 12 a.m.	Cleaning: Chemical and Mechanical Cleaning		TEG 188X [06]	Phoenix Convention Center	Room 221 C
Thursday,11 a.m. to 12 a.m.	Cleaning, Chemical and Mechanical		STG 06	Phoenix Convention Center	Room 122 A

Corrosion Management STG 08 - Corrosion Management

Time	Name	Description	Committee(s)	Location	Location Detail
Sunday,10 a.m. to 12 a.m.	Economics of Corrosion: Standard		TG 200 [08]	Phoenix Convention Center	Room 123
Sunday,3 :30p.m. to 5 :30p.m.	The Role of Corrosion Management in Materials Stewardship and Sustainability		TEG 531X [08]	Phoenix Convention Center	Room 122 A
Thursday,9 a.m. to 11 a.m.	Corrosion Management		STG 08	Phoenix Convention Center	Room 227 A

Nonmetallic Materials of Construction STG 10 - Nonmetallic Materials of Construction

Time	Name	Description	Committee(s)	Location	Location Detail
Sunday,8 a.m. to 12 a.m.	Corrosion Solutions for the Chemical Process Industry with Polymer Based Materials Session I		TEG 191X [10](39)	Phoenix Convention Center	Room 230
Sunday,1 p.m. to 5 p.m.	Corrosion Solutions for the Chemical Process Industry with Polymer Based Materials Session II		TEG 191X [10](39)	Phoenix Convention Center	Room 230
Monday,1 p.m. to 5 p.m.	Non-Metallic Materials Basic Education		TEG 528X [10](33)	Phoenix Convention Center	Room 101
Wednesday,1 p.m. to 5 p.m.	Nonmetallic Materials of Construction: Expert Panel Discussion		TEG 239X [10](39)	Phoenix Convention Center	Room 126 B-C

Thursday, 10 a.m. to 12 a.m.

[Nonmetallic Materials of Construction](#)

STG 10

Phoenix Convention Center

Room 230

Water Treatment Systems STG 11 - Water Treatment Systems

Time	Name	Description	Committee(s)	Location	Location Detail
Sunday, 10 a.m. to 11 a.m.	Standard Practice for Monitoring Cooling Water Systems		TG 235 [11](46, 62)	Phoenix Convention Center	Room 130
Sunday, 11 a.m. to 12 a.m.	Cooling Water Equipment, Initial Conditioning		TG 234 [11]	Phoenix Convention Center	Room 130
Monday, 9 a.m. to 11 a.m.	Control of Corrosion, Deposition, and Microbiological Growth in Recirculating Water Systems in Build		TG 157 [11](61)	Phoenix Convention Center	Room 151
Monday, 1 p.m. to 3 :30p.m.	Recovery and Repassivation After Low pH Excursions in Open Recirculating Cooling Water Systems		TG 375 [11]	Phoenix Convention Center	Room 221 C
Monday, 1 p.m. to 4 p.m.	Practical Applications of Water Treatment in Industrial and Commercial Systems		TEG 503X [11]	Phoenix Convention Center	Room 150
Tuesday, 1 p.m. to 3 p.m.	Building Fire Protection Systems: Corrosion and Deposit Control		TEG 159X [11]	Phoenix Convention Center	Room 225 A-B
Tuesday, 3 p.m. to 5 p.m.	Fire Protection Systems		TG 381 [11]	Phoenix Convention Center	Room 225 A-B
Wednesday, 8 :30a.m. to 9 :30a.m.	Steam Generating Systems: Shut-Down/Lay-Up/Start-Up		TG 160 [11]	Phoenix Convention Center	Room 230
Wednesday, 9 a.m. to 12 a.m.	Biocide Application/Misapplication		TEG 149X [11]	Phoenix Convention Center	Room 121 C
Wednesday, 1 p.m. to 4 p.m.	Boiler Waterside Failure Analysis		TEG 163X [11](62)	Phoenix Convention Center	Room 101
Thursday, 4 p.m. to 6 p.m.	Water Treatment Systems		STG 11	Phoenix Convention Center	Room 126 B-C

Oil and Gas Production—Cathodic Protection STG 30 - Oil and Gas Production —Cathodic Protection

Time	Name	Description	Committee(s)	Location	Location Detail
Sunday,9 :30a.m. to 12 a.m.	Cathodic Protection in Seawater—Discussion of Current Topics		TEG 166X [30]	Phoenix Convention Center	Room 102
Sunday,1 p.m. to 2 :30p.m.	Petroleum, Petrochemical, and Natural Gas Industries—Cathodic Protection of Pipeline Transportation		TG 169 [30](05, 35)	Phoenix Convention Center	Room 102
Sunday,2 p.m. to 4 p.m.	Corrosion Control of Submerged Areas of Offshore Steel Structures		TG 170 [30](05)	Phoenix Convention Center	Room 102
Wednesday,4 p.m. to 5 p.m.	Oil and Gas Production—Cathodic Protection		STG 30	Phoenix Convention Center	Room 222 A

Oil and Gas Production—Corrosion and Scale Inhibition STG 31 - Oil and Gas Production—Corrosion and Scale Inhibition

Time	Name	Description	Committee(s)	Location	Location Detail
Sunday,8 a.m. to 12 a.m.	Oil and Gas Production, Oil Sands: Information Exchange		TEG 341X [31](11, 33, 34)	Phoenix Convention Center	Room 231
Sunday,1 p.m. to 2 p.m.	Oil and Gas Production, Corrosion Inhibitors—Laboratory Evaluations: Information Exchange		TEG 253X [31](62)	Phoenix Convention Center	Room 123
Sunday,2 :30p.m. to 4 p.m.	Corrosion Inhibitor Program Management for Oil and Gas Fields		TG 550 [31](08, 61)	Phoenix Convention Center	Room 150
Sunday,4 p.m. to 5 :30p.m.	Summary of Knowledge and Experience on Internal Corrosion of Pipeline Under Dewing Conditions		TG 478 [31](35)	Phoenix Convention Center	Room 222 A
Tuesday,9 :30a.m. to 11 :30a.m.	Oil and Gas Production, CO2 Corrosion: Information Exchange		TEG 059X [31](60, 61)	Phoenix Convention Center	Room 121 C

Tuesday, 11 a.m. to 12 a.m.	Downhole Corrosion and Scale Inhibitor Application via Capillary Tubing	TG 512 [31](60, 61)	Phoenix Convention Center	Room 225 A-B
Tuesday, 11 a.m. to 12 a.m.	Under deposit Corrosion	TEG 092X [31](11, 38, 60, 61)	Phoenix Convention Center	Room 152
Tuesday, 1 p.m. to 3 p.m.	Flow Assurance in Oil and Gas Production: Information Exchange	TEG 202X [31](61, 62)	Phoenix Convention Center	Room 227 A
Tuesday, 1 p.m. to 5 p.m.	Oil and Gas Production, Sour Corrosion: Information Exchange	TEG 282X [31](60, 61, 62)	Phoenix Convention Center	Room 101
Wednesday, 8 a.m. to 10 a.m.	Oil and Gas Exploration Corrosion: Information Exchange	TEG 514X [31](32, 60)	Phoenix Convention Center	Room 226 A
Wednesday, 8 a.m. to 10 a.m.	Oil and Gas Production: Microbially Influenced Corrosion	TEG 286X [31](60)	Phoenix Convention Center	Room 130
Thursday, 9 a.m. to 12 a.m.	Oil and Gas Production—Corrosion and Scale Inhibition	STG 31	Phoenix Convention Center	Room 102

Oil and Gas Production—Metallurgy STG 32 - Oil and Gas Production—Metallurgy

Time	Name	Description	Committee(s)	Location	Location Detail
Sunday, 1 :30p.m. to 4 :30p.m.	Petroleum, petrochemical, and natural gas industries—Materials for use in H2S-containing environment		TG 299 [32]	Phoenix Convention Center	Room 124 A-B
Wednesday, 7 :30a.m. to 10 :30a.m.	Double-Cantilever-Beam (DCB) Test		WG 085c [32](62)	Phoenix Convention Center	Room 106
Wednesday, 8 a.m. to 10 a.m.	Cracking, Stepwise: Pipeline Steels		TG 082 [32](34, 62)	Phoenix Convention Center	Room 103
Wednesday, 10 :30a.m. to 12 a.m.	Evaluation of Carbon & Low-Alloy Steels for Resistance to Stress-Oriented Hydrogen-Induced Cracking		TG 536 [32](34, 62)	Phoenix Convention Center	Room 106

Wednesday,10 :30a.m. to 12 :30a.m.	Development of Test Method for Elevated Temperature in TM0177	WG 085e [32]	Phoenix Convention Center	Room 103
Wednesday,1 p.m. to 3 p.m.	Ripple Load Test for Evaluation of Sour Service Cracking Resistance	TG 544 [32]	Phoenix Convention Center	Room 106
Wednesday,1 p.m. to 3 p.m.	Test Method for Resistance to Environmentally-Induced Hydrogen Stress Cracking in Welds	TG 554 [32](30, 34)	Phoenix Convention Center	Room 103
Wednesday,3 p.m. to 4 p.m.	Computerized Environmental Cracking Database	TG 257 [32](34, 62)	Phoenix Convention Center	Room 106
Wednesday,4 p.m. to 5 :30p.m.	Sulfide Corrosion Cracking: Metallic Materials Testing Techniques	TG 085 [32](62)	Phoenix Convention Center	Room 106
Wednesday,4 p.m. to 6 p.m.	Metallic Materials for Sucker-Rod Pumps for Corrosive Oilfield Environments	TG 084 [32]	Phoenix Convention Center	Room 103
Thursday,7 :30a.m. to 10 :30a.m.	Oil and Gas Production Materials Information Exchange	TEG 374X [32](33)	Phoenix Convention Center	Room 225 A-B
Thursday,10 :30a.m. to 12 a.m.	STG 32 Officers Meeting	STG 32	Phoenix Convention Center	Room 225 A-B
Thursday,2 p.m. to 4 p.m.	Oil and Gas Production—Metallurgy	STG 32	Phoenix Convention Center	Room 225 A-B

Oil and Gas Production—Nonmetallics and Wear Coatings (Metallic) STG 33 - Oil and Gas Production—Nonmetallics and Wear Coatings (Metallic)

Time	Name	Description	Committee(s)	Location	Location Detail
Tuesday,9 :30a.m. to 12 a.m.	Insulation for Upstream and Downstream Oil and Gas Operations		TEG 086X [33]	Phoenix Convention Center	Room 223
Tuesday,1 p.m. to 2 :30p.m.	Accelerated Testing of Nonmetallic Materials		TEG 501X [33]	Phoenix Convention Center	Room 232
Tuesday,1 p.m. to 3 p.m.	Coating and Lining Technology for Oil and Gas		TEG 524X [33]	Phoenix Convention Center	Room 223

Tuesday, 2 :30p.m. to 4 :30p.m.	Elastomers and Other Nonmetallics for Oilfield Sealing Service	TEG 319X [33](10, 62)	Phoenix Convention Center	Room 232
Tuesday, 3 p.m. to 5 p.m.	Oil and Gas Production— Nonmetallics and Wear Coatings (Metallic)	STG 33	Phoenix Convention Center	Room 223
Tuesday, 4 :30p.m. to 5 :30p.m.	RP0191 Worksheet for Selection of Oilfield Nonmetallic Seal System	TG 912 [33](03, 10, 32)	Phoenix Convention Center	Room 232

Petroleum Refining and Gas Processing STG 34 - Petroleum Refining and Gas Processing

Time	Name	Description	Committee(s)	Location	Location Detail
Monday, 9 a.m. to 9 :30a.m.	Protection of Austenitic Stainless Steels and Other Austenitic Alloys from Polythionic Acid Stress		TG 173 [34](39, 60)	Phoenix Convention Center	Room 230
Monday, 9 :30a.m. to 10 a.m.	Petroleum Refining Sulfide Stress Cracking (SSC): Review of NACE Standard MR0103		TG 231 [34](60)	Phoenix Convention Center	Room 230
Monday, 10 a.m. to 11 a.m.	Crude Unit Distillation Column Overhead Corrosion		TG 342 [34]	Phoenix Convention Center	Room 230
Monday, 11 a.m. to 12 a.m.	Petroleum Refinery Corrosion Specialist Certification and Oversight of Refining Industry Corrosion		TG 393 [34]	Phoenix Convention Center	Room 230
Monday, 1 p.m. to 2 p.m.	Materials and Fabrication Practices for New Pressure Vessels Used in Wet H₂S Refinery Service		TG 301 [34](32)	Phoenix Convention Center	Room 230
Monday, 2 p.m. to 3 p.m.	Refinery Injection and Process Mixing Points		TG 174 [34]	Phoenix Convention Center	Room 230
Monday, 3 p.m. to 4 p.m.	Carbonate Stress Corrosion Cracking in Refinery Alkaline Sour Waters		TG 347 [34](60)	Phoenix Convention Center	Room 230

Monday, 4 p.m. to 6 p.m.	Joint API/NACE Advisory Committee—API 751 Safe Operation of HF Alkylation Units—Corrosion & Material	TG 510 [34]	Phoenix Convention Center	Room 230
Tuesday, 7 a.m. to 8 a.m.	STG 34 Officers Meeting	STG 34	Phoenix Convention Center	Room 123
Wednesday, 8 a.m. to 10 :30a.m.	Refining Industry Information Exchange: Session I	TEG 205X [34]	Phoenix Convention Center	Room 129
Wednesday, 10 :30a.m. to 12 a.m.	Gas Treating Control Systems Corrosion Minimization	TEG 113X [34]	Phoenix Convention Center	Room 129
Wednesday, 1 p.m. to 5 p.m.	Refining Industry Information Exchange: Session II	TEG 205X [34]	Phoenix Convention Center	Room 129
Thursday, 8 a.m. to 10 a.m.	STG 34 Steering Committee	STG 34	Phoenix Convention Center	Room 230

Pipelines, Tanks, and Well Casings STG 35 - Pipelines, Tanks, and Well Casings

Time	Name	Description	Committee(s)	Location	Location Detail
Sunday, 8 a.m. to 5 p.m.	Wet Gas Internal Corrosion Direct Assessment Methodology for Pipelines		TG 305 [35](31)	Phoenix Convention Center	Room 223
Sunday, 9 a.m. to 11 a.m.	Cathodic Protection Monitoring: Use of Coupons		TEG 338X [35](05)	Phoenix Convention Center	Room 122 B-C
Sunday, 9 a.m. to 11 a.m.	Pipelines: Liquid Petroleum Industry Corrosion Control Issues		TEG 314X [35](02, 03, 04, 05)	Phoenix Convention Center	Room 127 A
Sunday, 10 a.m. to 12 a.m.	Standard for External Corrosion Control of On-Grade Carbon Steel Storage Tank Bottoms		TG 543 [35](05)	Phoenix Convention Center	Room 151
Sunday, 10 a.m. to 12 a.m.	Monitoring of Pipeline Casing using CP Coupons, ER probes, permanent reference electrodes, etc.		TG 547 [35](05)	Phoenix Convention Center	Room 150
Sunday, 1 p.m. to 2 p.m.	Pipeline Crossings: Steel-Cased, Thrust-Bored, and HDD		TEG 208X [35](05)	Phoenix Convention Center	Room 122 A

Sunday, 1 p.m. to 2 :30p.m.	Technical Guidance for Using Self-Propelled In-Line Inspection Devices in the Direct Examination	TG 522 [35](31, 41)	Phoenix Convention Center	Room 150
Sunday, 1 p.m. to 3 p.m.	Steel Pipelines and Piping Systems: Internal Corrosion Control	TG 038 [35]	Phoenix Convention Center	Room 227 A
Sunday, 2 p.m. to 3 :30p.m.	Pipeline Direct Assessment Methodology	TG 041 [35]	Phoenix Convention Center	Room 122 A
Sunday, 2 p.m. to 5 p.m.	Report on Underdeposit Corrosion (UDC) of Pipelines	TG 533 [35](31, 60)	Phoenix Convention Center	Room 151
Monday, 9 a.m. to 10 a.m.	Detection, Testing, and Evaluation of Microbiologically Influenced Corrosion on Internal Surfaces	TG 254 [35]	Phoenix Convention Center	Room 102
Monday, 3 p.m. to 5 p.m.	Corrosion Management of Aboveground Storage Tanks	TEG 132X [35]	Phoenix Convention Center	Room 122 A
Tuesday, 9 :30a.m. to 11 :30a.m.	Pipelines: In-Line Inspection	TEG 267X [35]	Phoenix Convention Center	Room 221 C
Tuesday, 1 p.m. to 3 p.m.	Hydrotesting and Long-Term Wet Storage of Pipelines, Risers, and Subsea Equipment	TG 440 [35](31, 60)	Phoenix Convention Center	Room 221 C
Wednesday, 8 a.m. to 10 a.m.	Pipeline Corrosion Management	TG 370 [35](02, 03, 05)	Phoenix Convention Center	Room 126 A
Wednesday, 10 a.m. to 10 a.m.	Application of Cathodic Protection for External Surfaces of Steel Well Casings	TG 446 [35](05)	Phoenix Convention Center	Room 126 A
Wednesday, 10 :30a.m. to 11 :30a.m.	Well Casings, Corrosion Control: Information Exchange	TEG 080X [35]	Phoenix Convention Center	Room 123
Wednesday, 1 p.m. to 3 p.m.	3D Laser and Structured Light	TG 502 [35](05)	Phoenix Convention Center	Room 126 A
Wednesday, 1 p.m. to 3 p.m.	External Cathodic Protection of On-Grade Carbon Steel Storage Tank Bottoms	TG 013 [35](05)	Phoenix Convention Center	Room 123

Wednesday, 1 p.m. to 5 p.m.	Measurement Techniques Related to Criteria for Cathodic Protection on Underground or Submerged Metal	TG 020 [35](05)	Phoenix Convention Center	Room 102
Thursday, 4 p.m. to 6 p.m.	Cathodic/Anodic Protection Pipelines, Tanks, and Well Casings	STG 35	Phoenix Convention Center	Room 121 A-C

Process Industry—Materials Performance in Chemicals STG 36 - Process Industry—Materials Performance in Chemicals

Time	Name	Description	Committee(s)	Location	Location Detail
Sunday, 9 a.m. to 11 a.m.	Control of Corrosion Under Thermal Insulation and Fireproofing Materials—A Systems Approach		TG 325 [36](03, 04)	Phoenix Convention Center	Room 226 A
Monday, 10 a.m. to 12 a.m.	Hydrochloric Acid and Chlorine: Materials and Experiences		TEG 398X [36](10)	Phoenix Convention Center	Room 127 A
Monday, 1 p.m. to 3 p.m.	Failure Prevention Case Histories		TEG 118X [36](39)	Phoenix Convention Center	Room 130
Tuesday, 9 a.m. to 12 a.m.	Sulfuric Acid—Material and Experiences		TEG 115X [36]	Phoenix Convention Center	Room 102
Tuesday, 1 p.m. to 4 p.m.	Materials Selection and Corrosion Control in the Mineral Processing Industries		TEG 509X [36]	Phoenix Convention Center	Room 122 A
Tuesday, 4 p.m. to 5 p.m.	Hydrofluoric Acid and Hydrogen Fluoride: Review of NACE Publication 5A171		TG 358 [36](34)	Phoenix Convention Center	Room 122 A
Thursday, 10 a.m. to 11 a.m.	Hydrofluoric Acid: Materials for Receiving, Handling, and Storing		TEG 119X [36](34)	Phoenix Convention Center	Room 150
Thursday, 11 a.m. to 12 a.m.	Hydrofluoric Acid and Hydrogen Fluoride: Review of NACE Publication 5A171		TG 325 [36](03, 04)	Phoenix Convention Center	Room 150

Process Industry—High Temperature STG 37 - Process Industry—High Temperature

Time	Name	Description	Committee(s)	Location	Location Detail
Thursday,8 a.m. to 10 a.m.	Metal Dusting and Associated Phenomena: Effects on Materials Performance		TEG 128X [37](60)	Phoenix Convention Center	Room 222 A
Thursday,10 a.m. to 12 a.m.	Reformer Components: Materials Issues		TEG 270X [37](34, 39)	Phoenix Convention Center	Room 222 A
Thursday,1 p.m. to 3 p.m.	Materials, Advanced, for High-Temperature Service in the CPI		TEG 123X [37]	Phoenix Convention Center	Room 222 A
Thursday,3 p.m. to 4 p.m.	Process Industry—High Temperature		STG 37	Phoenix Convention Center	Room 222 A

Process Industry—Pulp, Paper, and Biomass Conversion STG 38

Time	Name	Description	Committee(s)	Location	Location Detail
Tuesday,3 p.m. to 5 p.m.	Process Industry—Pulp, Paper, and Biomass Conversion		STG 38	Phoenix Convention Center	Room 230

Process Industries—Materials Applications and Experiences STG 39 - Process Industries—Materials Applications and Experiences

Time	Name	Description	Committee(s)	Location	Location Detail
Tuesday,9 :30a.m. to 11 :30a.m.	Metals: Reactive		TEG 120X [39]	Phoenix Convention Center	Room 122 A
Wednesday,1 p.m. to 3 :30p.m.	Stainless Steels, Duplex and Ferritic: Application		TEG 114X [39]	Phoenix Convention Center	Room 130
Wednesday,3 :30p.m. to 6 p.m.	Stainless Steels: Austenitic and Nickel Alloys		TEG 116X [39]	Phoenix Convention Center	Room 130

Military and Aerospace Systems and Facilities STG 40

Time	Name	Description	Committee(s)	Location	Location Detail
Thursday,2 p.m. to 4 p.m.	Military and Aerospace Systems and Facilities		STG 40	Phoenix Convention Center	Room 121 C

Electric Utility Generation, Transmission, and Distribution STG 41 - Electric Utility Generation, Transmission, and Distribution

Time	Name	Description	Committee(s)	Location	Location Detail
Sunday,10 a.m. to 12 a.m.	Electric Utility Transmission and Distribution Corrosion and Grounding: Discussion of Issues		TEG 368X [41]	Phoenix Convention Center	Room 103
Sunday,1 p.m. to 3 p.m.	Power Generation and Delivery Education Roadmap		TEG 473X [41]	Phoenix Convention Center	Room 151
Sunday,3 p.m. to 5 p.m.	"Inspection and Assessment of Below Grade and Groundline Corrosion on Weathering Steel on Electrical		TG 538 [41](02, 03)	Phoenix Convention Center	Room 152
Monday,1 p.m. to 2 :30p.m.	Atmospheric Above Grade Inspection and Assessment of Corrosion on Steel Electrical Transmission, Dis		TG 529 [41](02)	Phoenix Convention Center	Room 127 A
Monday,1 p.m. to 3 p.m.	Nuclear System Corrosion		TEG 224X [41]	Phoenix Convention Center	Room 226 A
Monday,3 p.m. to 5 p.m.	Renewable Energy Facilities Design, Construction and Commissioning		TEG 530X [41]	Phoenix Convention Center	Room 226 A
Tuesday,9 :30a.m. to 11 :30a.m.	External Cathodic Protection for Nuclear Power Plant Piping Systems		TG 491 [41](05, 35)	Phoenix Convention Center	Room 222 A
Tuesday,2 :30p.m. to 3 :30p.m.	Geothermal System Corrosion		TEG 182X [41]	Phoenix Convention Center	Room 222 A
Thursday,10 a.m. to 11 :30a.m.	Combustion and Conversion of Fossil and Alternative Fuels		TEG 183X [41]	Phoenix Convention Center	Room 127 B-C
Thursday,2 p.m. to 3 p.m.	Electric Utility Generation, Transmission, and Distribution		STG 41	Phoenix Convention Center	Room 122 A

Transportation, Land STG 43

Time	Name	Description	Committee(s)	Location	Location Detail
Tuesday,9 a.m. to 12 a.m.	Transportation, Land		STG 43	Phoenix Convention Center	Room 227 A

Wednesday,9 a.m. to 12 a.m.	Transportation, Land	STG 43	Phoenix Convention Center	Room 127 A
Wednesday,9 a.m. to 12 a.m.	Transportation, Land	STG 43	Phoenix Convention Center	Room 150

Marine Corrosion: Ships and Structures STG 44 - Marine Corrosion: Ships and Structures

Time	Name	Description	Committee(s)	Location	Location Detail
Sunday,3 p.m. to 5 p.m.	Test to Determine the Potential Corrosion Effects		TG 452 [44](03, 05)	Phoenix Convention Center	Room 223
Wednesday,8 a.m. to 10 a.m.	Marine Corrosion of Copper Alloys		TEG 523X [44]	Phoenix Convention Center	Room 122 A
Wednesday,10 a.m. to 12 a.m.	Splash Zone Site-Applied Corrosion Protection System		TG 542 [44](02, 03)	Phoenix Convention Center	Room 122 A

Pollution Control, Waste Incineration, and Process Waste STG 45 - Pollution Control, Waste Incineration, and Process Waste

Time	Name	Description	Committee(s)	Location	Location Detail
Wednesday,9 a.m. to 12 a.m.	Welding: Flue Gas Desulfurization (FGD) Techniques		TG 129 [45](39)	Phoenix Convention Center	Room 222 A
Wednesday,1 p.m. to 4 p.m.	Stainless Cr-Ni Steel and Ni-Alloy Roll- and Explosion-Bonded Clad Plate for Air Pollution Control		TG 199 [45]	Phoenix Convention Center	Room 222 A
Thursday,8 a.m. to 10 a.m.	FGD Pollution Control Industries Corrosion Control		TEG 230X [45]	Phoenix Convention Center	Room 123
Thursday,10 :30a.m. to 11 :30a.m.	Pollution Control, Waste Incineration, and Process Waste		STG 45	Phoenix Convention Center	Room 123

Corrosion Mechanisms STG 60 - Corrosion Mechanisms

Time	Name	Description	Committee(s)	Location	Location Detail
Sunday,9 a.m. to 10 a.m.	Environmentally Assisted Cracking		TEG 186X [60]	Phoenix Convention Center	Room 121 C

Sunday, 1 p.m. to 5 p.m.	Nanotechnology and Corrosion	TEG 474X [60]	Phoenix Convention Center	Room 102
Sunday, 3 p.m. to 5 p.m.	Microbiologically Influenced Corrosion	TEG 187X [60](11, 46)	Phoenix Convention Center	Room 125 A-B
Wednesday, 9 a.m. to 11 a.m.	Biomedical Implant Device Corrosion	TEG 331X [60]	Phoenix Convention Center	Room 102
Wednesday, 10 a.m. to 12 a.m.	Atmospheric Corrosion	TEG 189X [60](02, 40, 62)	Phoenix Convention Center	Room 151
Thursday, 8 a.m. to 10 a.m.	Corrosion Mechanisms	STG 60	Phoenix Convention Center	Room 130

Inhibition—Corrosion and Scaling STG 61 - Inhibition—Corrosion and Scaling

Time	Name	Description	Committee(s)	Location	Location Detail
Sunday, 8 a.m. to 12 a.m.	State-of-the-Art Research on Corrosion Inhibitors		TEG 094X [61]	Phoenix Convention Center	Room 222 A
Sunday, 1 p.m. to 2 p.m.	Volatile Corrosion Inhibitors (VCIs)		TEG 093X [61](11)	Phoenix Convention Center	Room 222 A
Sunday, 1 p.m. to 3 p.m.	Inhibitors, Corrosion and Scale/Deposit		TEG 184X [61](31, 46)	Phoenix Convention Center	Room 125 A-B
Sunday, 2 p.m. to 3 p.m.	Vapor Corrosion Inhibitors and Rust Preventives for Interim (Temporary) Corrosion Protection		TG 261 [61](02)	Phoenix Convention Center	Room 222 A
Sunday, 3 p.m. to 4 p.m.	Vapor Corrosion Inhibitors and Rust Preventives for Interim (Temporary) Corrosion Protection		TG 261 [61](02)	Phoenix Convention Center	Room 222 A
Wednesday, 3 p.m. to 5 p.m.	Inhibition—Corrosion and Scaling		STG 61	Phoenix Convention Center	Room 221 C

Corrosion Monitoring and Measurement—Science and Engineering Applications STG 62 - Corrosion Monitoring and Measurement—Science and Engineering Applications

Time	Name	Description	Committee(s)	Location	Location Detail
Sunday, 9 a.m. to 5 p.m.	Electrochemical Measurements		TEG 097X [62](41)	Phoenix Convention Center	Room 232

Sunday, 2 :30p.m. to 4 :30p.m.	Acoustic Emission Testing and Measurement	TEG 098X [62]	Phoenix Convention Center	Room 123
Tuesday, 10 a.m. to 12 a.m.	Sensors: Corrosion and Corrosiveness Sensor Technology	TEG 100X [62](41)	Phoenix Convention Center	Room 127 A
Tuesday, 2 p.m. to 4 p.m.	Techniques for Monitoring Corrosion and Related Parameters in Field Applications	TG 390 [62](11, 31)	Phoenix Convention Center	Room 127 A
Tuesday, 2 p.m. to 4 p.m.	Corrosion Monitoring and Measurement—Science and Engineering Applications	STG 62	Phoenix Convention Center	Room 127 A

ISO Meetings

Time	Name	Description	Committee(s)	Location	Location Detail
Sunday, 4 :30p.m. to 5 :30p.m.	MR0175/ISO 15156 Maintenance Agency			Phoenix Convention Center	Room 124 A-B

ISO TC 156 TAG - U.S. TAG to ISO TC 156 Corrosion of Metals and Alloys ISO TC 156 TAG

Time	Name	Description	Committee(s)	Location	Location Detail
Tuesday, 1 :30p.m. to 3 :30p.m.	ISO TAG TC 156		ISO TC 156 TAG	Phoenix Convention Center	Room 126 A

U.S. TAG to ISO_TC 35 Paints and Varnishes ISO TC 35 TAG

Time	Name	Description	Committee(s)	Location	Location Detail
Tuesday, 9 :30a.m. to 11 :30a.m.	ISO TAG TC 35		ISO TC 35 TAG	Phoenix Convention Center	Room 126 A

NACE MR0175/ ISO 15156 Maintenance Panel MR0175 MP

Time	Name	Description	Committee(s)	Location	Location Detail
Sunday, 8 a.m. to 5 p.m.	MR0175/ISO 15156 Maintenance Panel		MR0175 MP	Phoenix Convention Center	Room 124 A-B

Symposia Meetings

Time	Name	Description	Committee(s)	Location	Location Detail
Monday, 8 a.m. to 5 p.m.	Power Industry Corrosion	This symposium includes technical papers related to corrosion causes, issues, studies, experiences, and/or management practices, including coatings on steel structures and their related components in the power industry. Exposures include below grade, transition zone, and atmospheric corrosion of weathering, galvanized, and other coated steel structures.	Sponsoring Committee(s): TEG 368X Chair: Jon Brasher Vice Chair: Graig Cilluffo	Phoenix Convention Center	Room 127 B-C
Monday, 9 a.m. to 11 a.m.	Top of Line Corrosion	This symposium includes technical papers on mechanism, modeling, field experience, monitoring, mitigation (design and inhibition).	Sponsoring Committee(s): TEG 515X Chair: Fernando Farelas Vice Chair: Thu Addis	Phoenix Convention Center	Room 227 B-C
Monday, 9 a.m. to 5 p.m.	Understanding and Controlling Atmospheric Corrosion in Infrastructure, Transportation, and Utilities	This symposium includes technical papers on understanding and controlling atmospheric corrosion in infrastructure, transportation and utilities.	Sponsoring Committee(s): TEG 189X Chair: Eric Schindelholz Vice Chair: Richard Granata	Phoenix Convention Center	Room 226 B-C

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

[Advances in Materials for Oil and Gas Production \(Day 1\)](#)

Advances in Materials for Oil and Gas Production

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

Sponsoring Committee(s): STG 32
Chair: Conchita Mendez
Vice Chair: Hisashi Amaya

Phoenix Convention Center

Room 221 A-B

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

[Corrosion in Nuclear Systems](#)

This symposium includes technical papers on materials development, innovation and degradation issues related to light and heavy water reactors, small modular reactors (SMR), as well as in advanced reactors (Very High Temperature Reactors, Gas Cooled Reactors, Molten Salt Reactors). Papers are also sought in nuclear waste management and storage.

Sponsoring Committee(s): TEG 224X and TEG 465X
Chair: Xihua He
Vice Chair: Jared Smith

Phoenix Convention Center

Room 126 B-C

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

[Recent Experiences with Austenitic and Duplex Stainless Steels \(Day 1\)](#)

This symposium includes 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.

Sponsoring Committee(s): TEG 114X and TEG 116X
Chair: Nicole Kinsman
Vice Chair: James Fritz

Phoenix Convention Center

Room 128

Monday,9 a.m. to 5 p.m.	Sour Corrosion	<p>This symposium includes technical papers that present advances in sour corrosion in Oil and Gas Production. Focus is on sour corrosion mechanism, mitigation strategies, case histories and best practices in corrosion management.</p> <p>Sponsoring Committee(s): TEG 282X Chair: Sandra Hernandez Vice Chair: Sajid Tanwir</p>	Phoenix Convention Center	Room 225 A-B
Monday,9 a.m. to 5 p.m.	Oil and Gas Production: Cathodic Protection - Offshore Advances	<p>This symposium includes technical papers on cathodic protection related for offshore/maritime environments.</p> <p>Sponsoring Committee(s): STG 30 Chair: Alex Delwiche Vice Chair: Kehinde Ogun</p>	Phoenix Convention Center	Room 224 A-B
Monday,9 a.m. to 5 p.m.	Marine Corrosion - Looking to the Horizon (Day 1)	<p>This symposium includes technical papers presenting state-of-the-art technology in marine corrosion assessment and mitigation, with a look to future opportunities through emerging technologies.</p> <p>Sponsoring Committee(s): STG 44 Chair: Abdul Hameed Al-Hashem Vice Chair: Moavin Islam</p>	Phoenix Convention Center	Room 131 A-B
Monday,9 a.m. to 5 p.m.	Mechanisms of Localized Corrosion and Electrochemical Methods (Day 1)	<p>This symposium includes technical papers devoted to mechanisms of localized corrosion as well as to electrochemical methods used to study and elucidate localized corrosion mechanisms.</p> <p>Sponsoring Committee(s): STG 60, TEG 407X Chair: Helmuth Sarmiento Klapper Vice Chair: Martin Rodriguez</p>	Phoenix Convention Center	Room 228 A-B

Monday, 9 a.m. to 5 p.m.	<u>Corrosion Durability of Civil Infrastructure (Day 1)</u>	<p>This symposium includes technical papers on corrosion control techniques to provide long term durability to civil infrastructure and atmospherically exposed concrete structures.</p> <p>Sponsoring Committee(s): TEG 043X Chair: Doug Leng Vice Chair: Kingsley Lau</p>	Phoenix Convention Center	Room 105
Monday, 9 a.m. to 5 :30p.m.	<u>AC Interference, AC Induced Corrosion, AC Risk Assessment, Monitoring and Mitigation</u>	<p>This symposium includes technical papers on AC interference, AC Corrosion, AC Risk Assessment, Case Studies on AC Corrosion, Fault Current, and Monitoring.</p> <p>Sponsoring Committee(s): STG 05 Chair: Meng Lopez-Garrity Vice Chair: Casey Heinrich</p>	Phoenix Convention Center	Room 121 A-C
Monday, 9 a.m. to 6 p.m.	<u>Direct Assessment</u>	<p>This symposium includes technical papers that cover new technologies, methods and case histories in the areas of external, internal and SCC corrosion.</p> <p>Sponsoring Committee(s): STG 35 Chair: Joe Pikas Vice Chair: Rodrigo Himiob</p>	Phoenix Convention Center	Room 124 A-B
Monday, 9 a.m. to 6 p.m.	<u>Microbiologically Influenced Corrosion</u>	<p>This symposium includes technical papers that cover the impact of microbiological processes on metallic or non-metallic materials. Case histories of microbiologically influenced corrosion (MIC), as well as papers that describe recent advancements in MIC monitoring or mitigation, are encouraged.</p> <p>Sponsoring Committee(s): TEG 187X Chair: Kenneth Wunch Vice Chair: Amilcar Oberto</p>	Phoenix Convention Center	Room 125 A-B

Monday, 1 p.m. to 3:30 p.m.

[Insulation Product Innovations for the Oil & Gas Sector](#)

This symposium includes papers related to research and development in insulation materials for up- and downstream oil and gas operations. Insulation products of interest include thermal, cryogenic and acoustical insulation used in topsides and sub-sea oil and gas production and processing, as well as refining and related chemical production.

Sponsoring Committee(s): TEG 086X
Chair: Elizabeth Whitsitt
Vice Chair: Brian Conley

Phoenix Convention Center

Room 227 B-C

Tuesday, 9 a.m. to 12 a.m.

[Geothermal Scaling and Corrosion](#)

This symposium includes technical papers on the testing and performance of materials exposed to both conventional and extreme geothermal environments used now and potentially in the future for energy generation. Emphasis is on papers that describe successes and failures with solutions to problems being trialled and proven.

Sponsoring Committee(s): TEG 182X
Chair: Bill MacDonald
Vice Chair: Sigrun Nanna Karlsdottir

Phoenix Convention Center

Room 227 B-C

Tuesday, 9 a.m. to 12 a.m.

[Marine Corrosion - Looking to the Horizon \(Day 2\)](#)

This symposium includes technical papers presenting state-of-the-art technology in marine corrosion assessment and mitigation, with a look to future opportunities through emerging technologies.

Sponsoring Committee(s): STG 44
Chair: Abdul Hameed Al-Hashem
Vice Chair: Moavin Islam

Phoenix Convention Center

Tuesday, 9 a.m. to 12 a.m.

[Corrosion Durability of Civil Infrastructure \(Day 2\)](#)

This symposium includes technical papers on corrosion control techniques to provide long term durability to civil infrastructure and atmospherically exposed concrete structures.

Sponsoring Committee(s): TEG 043X
Chair: Doug Leng
Vice Chair: Kingsley Lau

Phoenix Convention Center

Room 105

Tuesday, 9 a.m. to 3 p.m.

[Recent Experiences with Austenitic and Duplex Stainless Steels \(Day 2\)](#)

This symposium includes 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.

Sponsoring Committee(s): TEG 114X and TEG 116X
Chair: Nicole Kinsman
Vice Chair: James Fritz

Phoenix Convention Center

Room 128

Tuesday, 9 a.m. to 4 p.m.

[Mechanisms of Localized Corrosion and Electrochemical Methods \(Day 2\)](#)

This symposium includes technical papers devoted to mechanisms of localized corrosion as well as to electrochemical methods used to study and elucidate localized corrosion mechanisms.

Sponsoring Committee(s): STG 60, TEG 407X
Chair: Helmuth Sarmiento Klapper
Vice Chair: Martin Rodriguez

Phoenix Convention Center

Room 228 A-B

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

[Oil and Gas Coating
Technology \(Day 1\)](#)

This symposium includes technical papers on; (1) Long life offshore coatings (15-25 years service life), (2) Temporary coating for up to one year service life, (3) offshore coatings for offshore pitted stainless steel vessels, (4) coating blister mechanism, (5) CUI Coating, (6) Residual stress in pipeline coatings, (7) Soluble salt removal method, (8) offshore platform one coat system.

Sponsoring Committee(s): STG
02/STG 03
Chair: Benjamin Chang
Vice Chair: Dennis Wong

Phoenix Convention Center

Room 124 A-B

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

[Inhibitors - Vapor Transported
\(VCI\) and Surface Coated Rust
Preventive \(RP\)](#)

This symposium includes technical papers related to novel applications, technical advances, test methods and materials which perform as vapor-transported corrosion inhibitors (VCI) and/or inhibitor coatings applied to metal surfaces to inhibit corrosion.

Sponsoring Committee(s): TEG
093X and TEG 145X
Chair: James Henderson
Vice Chair: Behzad Bavarian

Phoenix Convention Center

Room 126 B-C

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

[Corrosion Management
Systems and Economics \(Day
1\)](#)

This symposium includes technical papers from end-users, product developers, consultants, academics, and others on all aspects of the development, application, and use of systematic corrosion management processes in industry, infrastructure, government, and military applications. The papers may address the development and implementation of Corrosion Management Systems (CMS) as well as specific product developments such as monitoring tools, software prediction tools, and chemical treatments, to support the CMS. The purpose of these products, tools and treatment however, must be clearly defined within the CMS. Papers on the practical challenges of developing and implementing systematic CMS are encouraged.

Sponsoring Committee(s): STG 08
Chair: Gerhardus H. Koch
Vice Chair: Robin D. Tems

Phoenix Convention Center

Room 127 B-C

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

[Advances in Materials for Oil
and Gas Production \(Day 2\)](#)

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

Sponsoring Committee(s): STG 32
Chair: Conchita Mendez
Vice Chair: Hisashi Amaya

Phoenix Convention Center

Room 221 A-B

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

[Cathodic and Anodic
Protection \(Day 1\)](#)

This symposium includes technical papers about cathodic and anodic protection for pipelines, oil, gas and water transportation, storage and distribution systems.

Sponsoring Committee(s): STG 05
Chair: Dan Wagner
Vice Chair: Christopher Aldrich

Phoenix Convention Center

Room 122 B-C

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

[Control of Problematic Microorganisms in Oil and Gas Field Operations](#)

This symposium includes technical papers discussing treatments and monitoring techniques pertaining to the control of microbiological problems and biogenic H₂S in oil, water, and gas systems for upstream and downstream operations. Papers may include laboratory and/or field results.

Sponsoring Committee(s): TEG 286X
Chair: Jason Lee
Vice Chair: Torben Skovhus

Phoenix Convention Center

Room 222 B-C

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

[Understanding and Controlling Atmospheric Corrosion in Infrastructure, Transportation and Utilities](#)

This symposium includes technical papers on understanding and controlling atmospheric corrosion in infrastructure, transportation and utilities.

Sponsoring Committee(s): TEG 189X
Chair: Eric Schindelholz
Vice Chair: Richard Granata

Phoenix Convention Center

Room 226 B-C

Tuesday, 9 a.m. to 6 p.m.

[Refining Industry Corrosion](#)

This symposium includes technical papers related to corrosion and material issues within the refining industry, topics will explore case histories, materials performance, corrosion mechanics and failure analysis"

Sponsoring Committee(s): STG 34, TEG 205X
Chair: Trace Silfies
Vice Chair: Jonathan Allen

Phoenix Convention Center

Room 224 A-B

Tuesday, 1 p.m. to 5 p.m.

[Corrosion Control of Well Casings](#)

This symposium includes technical papers on dissemination of techniques for control of corrosion on oil, gas, and storage well casings.

Sponsoring Committee(s): STG 35
Chair: David Kroon
Vice Chair: Ernest Klechka

Phoenix Convention Center

Room 131 A-B

Tuesday, 2 p.m. to 5 p.m.

[Corrosion in Gas Treating](#)

This symposium includes technical papers discussing items of interest involving corrosion in the Gas Treating industries - which may include amine sweetening, gas dehydration, fractionation and compression operations in natural gas plants or refineries.

Sponsoring Committee(s): STG 34, TEG 113X
Chair: Larry R. White
Vice Chair: Cory DuBe

Phoenix Convention Center

Room 227 B-C

Wednesday, 8 a.m. to 12 a.m.

[Corrosion Solutions for Chemical and Mineral Processing with Polymer-Based Materials](#)

This symposium includes technical papers with innovations in polymer based, nonmetallic construction materials; new information about their range of use; developments in fabrication and construction techniques; case histories in corrosive service; failure analyses in corrosive service; contributions to engineering, design, manufacturing, and project management standards and best practices; trends in materials selection for corrosive service.

Sponsoring Committee(s): TEG 191X
Chair: Kira Kaleps
Vice Chair: Michael Stevens

Phoenix Convention Center

Room 126 B-C

Wednesday, 8 a.m. to 2 p.m.

[High-Temperature Materials and Corrosion for the Process Industry](#)

This symposium includes technical papers on materials and corrosion issues in high temperature (>540°C) process environments.

Sponsoring Committee(s): TEG 123X, TEG 126X, TEG 128X, and TEG 270X
Chair: Stephanie Britton
Vice Chair: Shankar Venkataraman

Phoenix Convention Center

Room 227 B-C

Wednesday, 8 a.m. to 3 p.m.	<u>Corrosion in Supercritical Systems</u>	<p>This symposium includes technical papers on corrosion in supercritical fluids and mitigation methods.</p> <p>Sponsoring Committee(s): TEG 121X Chair: Yimin Zeng Vice Chair: Yong Hua</p>	Phoenix Convention Center	Room 228 A-B
Wednesday, 8 a.m. to 4 p.m.	<u>Flow Assurance in Oil and Gas from Inland to Subsea</u>	<p>This symposium includes technical papers on maintenance of flow assurance in deep water and inland oil and gas systems by controlling corrosion, scale and related.</p> <p>Sponsoring Committee(s): TEG 202X Chair: I. George Winning Vice Chair: Dharma Abayarathna</p>	Phoenix Convention Center	Room 226 B-C
Wednesday, 8 a.m. to 5 p.m.	<u>CO₂/H₂S Corrosion in Wet Hydrocarbon Containing Environments</u>	<p>This symposium includes technical papers on corrosion in hydrocarbon containing environments that is caused by corrosive gases, such as CO₂ and H₂S.</p> <p>Sponsoring Committee(s): TEG 059X Chair: Sonja Richter Vice Chair: Ziru Zhang</p>	Phoenix Convention Center	Room 225 A-B
Wednesday, 8 a.m. to 5 p.m.	<u>Oil and Gas Coating Technology (Day 2)</u>	<p>This symposium includes technical papers on: (1) Long life offshore coatings (15-25 years service life), (2) Temporary coating for up to one year service life, (3) offshore coatings for offshore pitted stainless steel vessels, (4) coating blister mechanism, (5) CUI Coating, (6) Residual stress in pipeline coatings, (7) Soluble salt removal method, (8) offshore platform one coat system.</p> <p>Sponsoring Committee(s): STG 02/STG 03 Chair: Benjamin Chang Vice Chair: Dennis Wong</p>	Phoenix Convention Center	Room 124 A-B

Wednesday, 8 a.m. to 5 p.m.

[Cathodic and Anodic Protection \(Day 2\)](#)

This symposium includes technical papers about cathodic and anodic protection for pipelines, oil, gas and water transportation, storage and distribution systems.

Sponsoring Committee(s): STG 05
Chair: Dan Wagner
Vice Chair: Christopher Aldrich

Phoenix Convention Center

Room 122 B-C

Wednesday, 8 a.m. to 5 p.m.

[Corrosion Management Systems and Economics \(Day 2\)](#)

This symposium is seeking technical papers from end-users, product developers, consultants, academics, and others on all aspects of the development, application, and use of systematic corrosion management processes in industry, infrastructure, government, and military applications. The papers may address the development and implementation of Corrosion Management Systems (CMS) as well as specific product developments such as monitoring tools, software prediction tools, and chemical treatments, to support the CMS. The purpose of these products, tools and treatment however, must be clearly defined within the CMS. Papers on the practical challenges of developing and implementing systematic CMS are encouraged.

Sponsoring Committee(s): STG 08
Chair: Gerhardus H. Koch
Vice Chair: Robin D. Tems

Phoenix Convention Center

Room 127 B-C

Wednesday, 8 a.m. to 5 p.m.

[Advances and Practical Use of Corrosion Monitoring Technologies \(Day 1\)](#)

This symposium includes technical papers in the areas of developing and advancing corrosion monitoring technologies and examples of practical use of these technologies.

Sponsoring Committee(s): TEG 100X
Chair: Sean Brossia
Vice Chair: Kwei Meng Yap

Phoenix Convention Center

Room 131 A-B

NACE International
15835 Park Ten Place
Houston, TX 77084
Phone: 281-228-6223
Fax: 281-228-6329



Wednesday, 8 a.m. to 5 p.m.

[Recent Experiences with Nickel, Titanium, Zirconium, and Other Corrosion - Resistant Alloys \(Day 1\)](#)

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

Sponsoring Committee(s): STG 39
Chair: Suresh Divi
Vice Chair: Ralph Baessler

Phoenix Convention Center

Room 222 B-C

Wednesday, 8 a.m. to 5 p.m.

[Nanomaterials and Corrosion Characterization Methods at the Nanoscale](#)

This symposium includes technical papers on the nanomaterials and nanoscale characterization methods for understanding corrosion mechanisms and mitigating corrosion. The use of nanomaterials or understanding the nanostructuring in metals or alloys to result in corrosion resistant and high performance coatings, corrosion inhibitors, super alloys, ceramics, and other materials that can prevent fouling and scaling. The nanomaterials can be in the form of particles, nanotubes, nanofillers, nanoplatelets, when incorporated in coatings, chemical inhibitor action, or preparation of alloys, will result in superior performance.

Sponsoring Committee(s): TEG
474X
Chair: Igor Kosacki
Vice Chair: Richard Pollard

Phoenix Convention Center

Room 128

Wednesday, 8 a.m. to 5 p.m.

[Pipeline Integrity \(Day 1\)](#)

This symposium includes technical papers on integrity management plans and procedures, integrity management case histories, NDE and ILI case histories, NDE and ILI cutting edge technology developments underway or ready to be introduced, coatings and cathodic protection issues and case histories specific to pipelines, uses of cross-over industry technology in pipeline integrity management.

Sponsoring Committee(s): TEG
267X
Chair: Bryan Melan
Vice Chair: Tony Poullassichidis

Phoenix Convention Center

Room 121 A-C

Wednesday, 8 a.m. to 5 p.m.

[The Control of Corrosion in Oil and Gas Production with Inhibitors \(Day 1\)](#)

This symposium includes technical papers where corrosion inhibitors have been developed to control corrosion in challenging environments in oil and gas production

Sponsoring Committee(s): TEG
184X
Chair: Alyn Jenkins
Vice Chair: Zhengwei Liu

Phoenix Convention Center

Room 224 A-B

Wednesday, 8 a.m. to 5 p.m.

[Environmentally Assisted Cracking \(Day 1\)](#)

The symposium includes technical papers related to understanding of all kinds of materials cracking mechanisms, including but not limited to hydrogen embrittlement, stress corrosion cracking, corrosion fatigue, liquid metal embrittlement, and so on. The papers can cover root cause failure analysis in service, laboratory testing methods, materials modeling, industry standards development, state of art EAC research reviews, and so on.

Sponsoring Committee(s): TEG
186X
Chair: Steven Shademan
Vice Chair: Sai Venkateswaran

Phoenix Convention Center

Room 221 A-B

Wednesday, 2 p.m. to 5 p.m.

[Materials and Integrity in Oil Sands](#)

This symposium includes technical papers on oil sands from owner-operators, vendors, consultants, research - areas of interest include (but are not limited to): corrosion, failures, wear, process, materials selection, asset integrity, and can be related to SAGD, mining, downhole, or surface equipment / facilities.

Sponsoring Committee(s): TEG
341X
Chair: Tesfa Haile
Vice Chair: Duane Serate

Phoenix Convention Center

Room 227 B-C

Thursday, 8 a.m. to 10 a.m.

[Corrosion Issues in the Pulp, Paper, Biomass, and Biofuel Industries](#)

This symposium includes technical papers on corrosion issues relating to the pulp & paper industry, biomass conversion, or biofuels. Topics can include new materials for these applications, new failure trends, issues with wood products, case studies, or issues specific to equipment for the industry such as recovery boilers, digesters, and paper machines.

Sponsoring Committee(s): STG 38
Chair: Matthew Tunnicliffe
Vice Chair: Catherine Noble

Phoenix Convention Center

Room 226 B-C

Thursday, 8 a.m. to 12 a.m.

[Advances and Practical use of Corrosion Monitoring Technologies \(Day 2\)](#)

This symposium includes technical papers in the areas of developing and advancing corrosion monitoring technologies and examples of practical use of these technologies.

Sponsoring Committee(s): TEG
100X
Chair: Sean Brossia
Vice Chair: Kwei Meng Yap

Phoenix Convention Center

Room 131 A-B

Thursday, 8 a.m. to 12 a.m.

[Corrosion Issues in Military Equipment and Facilities](#)

This symposium includes technical papers to disseminate information and serve as a resource on identification, causes, and control of corrosion and materials degradation for military, aerospace, and electronic systems, equipment, and facilities.

Sponsoring Committee(s): 40
Chair: Rob Mason
Vice Chair: Robert J. Evans

Phoenix Convention Center

Room 128

Thursday, 8 a.m. to 3 p.m.

[The Control of Corrosion in Oil and Gas Production with Inhibitors \(Day 2\)](#)

This symposium includes technical papers where corrosion inhibitors have been developed to control corrosion in challenging environments in oil and gas production

Sponsoring Committee(s): TEG
184X
Chair: Alyn Jenkins
Vice Chair: Zhengwei Liu

Phoenix Convention Center

Room 224 A-B

Thursday, 8 a.m. to 4 p.m.

[Water Treatment vs. the Economics Associated with Risk and Reliability](#)

This symposium includes technical papers associated with the following areas of interest: Mitigation of Corrosion and Fouling, Best practices, New Chemistries/ Equipment for Corrosion and Fouling Control, Failures/Failure Analysis, Chemical Cleaning and Case Histories/Studies, all associated with water from Pretreatment to the end use and discharge (i.e. Wastewater).

Sponsoring Committee(s): STG 11
Chair: Edward Beardwood
Vice Chair: Claudia C. Pierce

Phoenix Convention Center

Room 126 B-C

Thursday, 8 a.m. to 5 p.m.

[Environmentally Assisted Cracking \(Day 2\)](#)

The symposium includes technical papers related to understanding of all kinds of materials cracking mechanisms, including but not limited to hydrogen embrittlement, stress corrosion cracking, corrosion fatigue, liquid metal embrittlement, and so on. The papers can cover root cause failure analysis in service, laboratory testing methods, materials modeling, industry standards development, state of art EAC research reviews, and so on.

Sponsoring Committee(s): TEG
186X
Chair: Steven Shademan
Vice Chair: Sai Venkateswaran

Phoenix Convention Center

Room 221 A-B

Thursday, 8 a.m. to 5 p.m.

[Pipeline Integrity \(Day 2\)](#)

This symposium includes technical papers on integrity management plans and procedures, integrity management case histories, NDE and ILI case histories, NDE and ILI cutting edge technology developments underway or ready to be introduced, coatings and cathodic protection issues and case histories specific to pipelines, uses of cross-over industry technology in pipeline integrity management.

Sponsoring Committee(s): TEG
267X
Chair: Bryan Melan
Vice Chair: Tony Poulassichidis

Phoenix Convention Center

Room 121 A-C

Thursday, 8 a.m. to 5 p.m.

[Recent Experiences with Nickel, Titanium, Zirconium, and Other Corrosion-Resistant Alloys \(Day 2\)](#)

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

Sponsoring Committee(s): STG 39
Chair: Suresh Divi
Vice Chair: Ralph Baessler

Phoenix Convention Center

Room 222 B-C

Thursday, 10 :30a.m. to 12 a.m.

[Hydrogen Permeation Measurements and Their Interpretation](#)

This symposium includes papers dedicated to hydrogen permeation measurements and their interpretation.

Sponsoring Committee(s): TEG 108X
 Chair: Karsten Wiegers
 Vice Chair: Matthew L. Taylor

Phoenix Convention Center

Room 226 B-C

Forum Meetings

Time	Name	Description	Committee(s)	Location	Location Detail
Monday, 9 a.m. to 12 a.m.	Coating Technology & Systems of the U.S. Navy Forum	<p>Presented by: Cameron Miller, James Martin, Colton Spicer, Jimmy Tagert, U.S. Naval Research Laboratory</p> <p>This forum will provide an overview of coatings and related technology systems being used or developed by the U.S. Navy for corrosion control. The forum will inform industry of the technologies being employed and looked at by the Navy and provide the opportunity to interact with commercial industry on common challenges. Specifically, the forum will present the following subject areas:</p> <ul style="list-style-type: none"> -Overview of Navy coatings and qualification processes -Thermal spray coatings and testing methods -Simulating real world operational environments in laboratory testing -Coating removal and surface prep technologies (e.g., laser ablation/texturing, heat induction, etc.) -Inspection and non-destructive evaluation tools/technologies (e.g., in-situ 3-D profilometry, thermography, etc.) 		Phoenix Convention Center	Room 227 A

NACE International
15835 Park Ten Place
Houston, TX 77084
Phone: 281-228-6223
Fax: 281-228-6329



Monday, 10 a.m. to 12 a.m.

[NIICAP Forum](#)

The NACE International Institute Contractor Accreditation Program (NIICAP) is a premier, industry-driven and industry managed accreditation program that validates a contractor's quality assurance program, support practices, and production processes. Join us at CORROSION 2018 to hear from contractors about how NIICAP can help grow your business and increase ROI.

Phoenix Convention Center

Room 122 B-C

Monday, 1 p.m. to 5 p.m.

[Water Forum](#)

Presented by: Robert Boswell, Boswell's Consulting Testing Services
The Water Forum provides a venue for those involved in the water and waste water industries to learn about new technologies, lessons learned and industry best practices. Presenters come from a diverse range of backgrounds and skills sets and have over 100 combined years of experience in the industry. The content of the forum is applicable to both beginners and veterans of the water and waste water industries.

Phoenix Convention Center

Room 227 A

NACE International
15835 Park Ten Place
Houston, TX 77084
Phone: 281-228-6223
Fax: 281-228-6329



Monday, 1 p.m. to 5 p.m.

[The War of Middle East and
Africa Against Corrosion
Forum](#)

Presented by: Gasem Fallatah,
NACE International

There are a lot of misconceptions towards the Middle East and Africa. This forum will expose the biggest threat in this region: the attack of corrosion. These regions are exposed to a very harsh environment, such as extremely high temperature, high salinity, and high humidity. This forum aims to present the real face of Middle East and Africa and show their battle against corrosion. The first part of the forum will present case studies on specific corrosion challenges in the area. Corrosion experts from the Middle East and Africa will reveal some evidences of corrosion and their ways of controlling it given the harsh environment. As corrosion is one of the biggest issues in this area, businesses are being developed to help control this issue. The second part of the forum will present the development of businesses in these areas. Leaders for business development will share some information on the current market needs and ways on how to

Phoenix Convention Center

Room 232

Monday, 3 p.m. to 4 p.m.

[How the Corrosion Industry is Revolutionizing Corrosion Management - IMPACT Plus Forum](#)

Presented by: Elaine Bowman,
NACE International Institute

The most significant outcome of the IMPACT Study, which was launched by NACE International in March 2013, was the need to change how corrosion decisions are made. To meet this need, the IMPACT Portal was developed as a set of online asset management tools that offers a common language and structure needed to ensure communication throughout all levels of an organization.

This forum will demonstrate how an organization can utilize IMPACT Plus to assess the maturity of their corrosion management processes through the: Corrosion Process Framework and Corrosion Management Maturity Model (CMMM). Then, in a Reference Library, find hundreds of sources of information to close performance gaps identified through the CMMM.

Phoenix Convention Center

Room 122 B-C

Tuesday, 10 a.m. to 12 a.m.

[Coating Asset Management- The State of the Industry Forum](#)

Presented by: D. Terry Greenfield,
CorroMetrics Services, Inc.

To achieve the economic value of an installed protective coating system, the designed life-cycle must be realized. This goal can be achieved through an effective coatings management program. This forum will be comprised of coatings industry professionals that have implemented programs to better manage their protective coatings assets. Each panel member will present about their program, how they were able to implement the program while sharing successes and challenges. Content will include maintenance philosophies, condition surveys, and data management systems. They will be available for questions.

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Room 121 A-C

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Tuesday, 1 p.m. to 5 p.m.

[PHMSA Pipeline Safety Forum](#)

Presented by: Kevin Garrity, Mears Group and Alan Mayberry, PHMSA

Phoenix Convention Center

Room 121 A-C

NACE members play a critical role in protecting the public from potential catastrophic failures of liquid/gas pipelines. Join policymakers, regulators, and industry experts for a discussion on how PHMSA and other agencies address corrosion in pipeline safety.

The forum will provide both a regulator and industry perspective on best pipeline safety practices and latest developments

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Tuesday, 1 p.m. to 5 p.m.

[Battle Against Corrosion in Latin America Forum](#)

Presented by: Jorge Canto, Corrosion Y Proteccion, Fabian Sanchez, OCP Ecuador, Ricardo Izquierdo, SLOM, and Zehbour Panossian, ABRACO

We find peculiar mountains, rivers and forests in Latin America that are a challenge for many corrosion combat projects. Speakers will share their experiences in each of these environments fighting against corrosion. Latin America faces many similar professional challenges in the corrosion field as the rest of the world. From Mexico to Argentina, including Central America, Brazil, Bolivia, Colombia, Ecuador, Panama, Peru and Venezuela have seen growth as well as extensive industrialization. This has brought the risks of corrosion of different types to the various industries.

Local Latin American professionals representing various countries and industries discuss how the available knowledge and technologies has been used to combat the impact of corrosion in the southern continent. With the flavor of the different cultures and countries, and their c

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Wednesday, 8:30 a.m. to 12 a.m.

[Environmentally Assisted Cracking of High Strength Steels and Alloys for Critical Service Subsea](#)

Environmentally Assisted Cracking of High Strength Steels and Alloys for Critical Service Subsea Bolting [With and Without Cathodic Charging] Forum

Presented by: Dr. Russell Kane, iCorrosion LLC, Khlefa Esklul, Occidental Petroleum, Tim Haber, GE Oil & Gas, and John Scully, University of Virginia

Based on recent service experience there is concern for critical subsea bolting and fasteners and their risk of failure as observed in recent near-miss incidents in sea-bottom drill-through equipment. Evidence suggests that these events were associated with environmental cracking in high strength materials by hydrogen embrittlement because of either (a) internal hydrogen from manufacturing or electrolytic application of protective coatings, and/or (b) external hydrogen from in-service cathodic protection from galvanic and/or impressed systems. There is also a concern that other environmental cracking can also induce embrittlement in certain high strength bolting materials under subsea con

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Wednesday, 9 a.m. to 12 a.m.

[Prognostics and Health
Management Technologies for
Corrosion Processes Forum](#)

Presented by: Prof. George
Vachtsevanos, Georgia Tech and
Jeff Bird, PHM Society

Phoenix Convention Center

Room 227 A

The board of directors of the Prognostics and Health Management Society propose to organize an advanced panel on novel technologies for corrosion data/image processing, feature or Condition Indicator (CI) extraction and selection, corrosion initiation detection and identification, and prediction of local and global corrosion growth/propagation. Recent advances in corrosion mitigation technologies have focused on the development and application of coating materials aimed to inhibit the corrosion growth. Aging aircraft and industrial processes are subjected to the detrimental effects of corrosion with corrosion prevention amounting to billions of dollars each year. There is a recognized need to develop and implement technologies that will assist in the expedient and early detection of corrosion. The panel members will discuss recent advances in corrosion sensing for aerospace and industrial processes, mo

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Wednesday, 1 p.m. to 2 p.m.

[Challenges of Designing and Installing Cathodic Protection for Buried Piping at Nuclear Power Plants](#)

Challenges of Designing and Installing Cathodic Protection for Buried Piping at Nuclear Power Plants Forum

Presented by: Eric Bonner, Pond & Company

Most cathodic protection (CP) applications are associated with the oil and gas market and NACE SP0169 is typically used as the appropriate technical guidance. However, nuclear power plants introduce a multitude of very challenging scenarios which may not be appropriate for current NACE guidelines. A Task Group (TG-404) is developing a guidance document specific to the design, installation and maintenance of CP within nuclear power plants.

This presentation will provide a series of case studies and outline the numerous challenges associated with providing corrosion control for buried piping within a nuclear facility. Further, solutions to these challenges will be discussed as well as the new TG-404 guidance document.

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Room 227 A

Wednesday, 1 p.m. to 4 p.m.

[The Future of NACE
 MR0175/ISO 15156: Proposed
 Changes for a Path Forward
 Forum](#)

Presented by: Robert Badrak,
 Weatherford

The NACE MR0175/ISO 15156 standard has its existing structure unchanged since the translation from the historical NACE MR0175 culminating in the December 2003 publication of the final parts 2 and 3. Our standard has been undergoing a critical review as to whether it should be rewritten to better serve the Oil & Gas Industry. The NACE MR0175/ISO 15156 Maintenance Panel (MP) has been wrestling with this subject for about a year and has developed an initial proposed new structure. The purpose of this Forum is to present the work of the MP and solicit feedback and discussions for the path forward.

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Room 223

RIP Meetings

Time	Name	Description	Committee(s)	Location	Location Detail
Monday, 9 a.m. to 5 p.m.	Coatings and Inhibitors	This Research in Progress focuses on presentations related to the performance and evolution mechanisms of coatings/inhibitors through chemical or electrochemical (corrosion) aspects, and the interrelationship between composition, processing/technique, microstructural/nanostructural features, and the test environment and coating/inhibitor performance. Approaches to design of improved coating materials and inhibitors and processes based on scientific and experimental data applied to harsh or aggressive environments.		Phoenix Convention Center	Room 103
		Chair: Homero Castaneda-Lopez Vice Chair: Ivan Karayan			

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

[Emergent Materials](#)

This Research in Progress session provides fundamental insight into the processing-structure-corrosion performance relationships of emergent materials are sought. Emergent materials of interest include nanocrystalline, amorphous and high entropy alloys, nanolaminates, nanostructured coatings, additively manufactured metals and composites. Contributions highlighting materials-by-design concepts and approaches for corrosion resistance are encouraged.

Chair: Rajeev Gupta
Vice Chair: Eric Schindelholz

Phoenix Convention Center

Room 106

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

[Pits, Crevices, and Cracks](#)

This Research in Progress session deals with all aspects of localized damage of passivating metals, including (but not limited to) stainless steel, Al alloys, Ni alloys, and conventional or newly developing Corrosion Resistant Alloys (CRAs). The localized corrosion phenomena of interest include pitting, crevice, intergranular, and exfoliation corrosion. Fundamental aspects of localized corrosion including initiation mechanisms, transition to stability, and damage accumulation are of particular interest. Additionally, papers related to environmentally assisted cracking phenomena, such as, stress corrosion cracking, corrosion fatigue, and hydrogen embrittlement are also welcome.

Chair: Brendy Rincon Troconis
Vice Chair: Jenifer Locke

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

[Corrosion and Biocompatibility of Biomedical Alloys and Implant Devices](#)

This Research in Progress session is seeking abstracts that will examine all aspects of corrosion and degradation pertaining to implant alloys as well as device interaction with the surrounding biological environment. Topics of interest include mechanisms of corrosion or degradation of materials as a result of interaction of implants with the host tissue; surface treatment of materials to inhibit corrosion or enhance biocompatibility; in vitro, in vivo and ex vivo testing methods, development of new alloys, devices and constructs; implantation procedures and lifetime predictions and material/device monitoring, etc. Presentations will focus on the latest results and accomplishments.

Chair: Vilupanur Ravi
Vice Chair: Travis Voorhees

Phoenix Convention Center

Room 106

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

[Modeling & Simulation](#)

This Research in Progress session focuses on presentations related to the development of state of the art modeling for different kinds of corrosion mechanisms. Contributions on the latest development of models considering the mechanistic interplay between mechanical, chemical, and electrochemical interactions and the ability to predict material performance or damage accumulation in aggressive environments are of particular interest.

The publications should make emphasis on validation, by either experimental or field-testing, as well on detailing the mathematical approaches considered for the modeling from a mechanistic perspective. Publications considering Stochastic methods for modeling complex systems are encouraged.

Chair: Raymundo Case
 Vice Chair: Jing Ning

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Room 125 A-B

Exhibit Hall Meetings

Time	Name	Description	Committee(s)	Location	Location Detail
Monday, 5 p.m. to 7 p.m.	Expo Grand Opening Reception			Phoenix Convention Center	Exhibit Hall

Tuesday, 10 :15a.m. to 5 p.m.

[University Student Design and Applied Solutions Competition \(USDASC\)](#)

The 3rd Annual USDASC has challenged university student teams to design and build an autonomous system for corrosion inspection and detection in hard-to-access areas. Each team will be giving a 20-minute oral presentation of its design and system overview to the judging panel. The evaluation criteria for the project include:

- continuity, clarity, and organization of the documentation presented
- quality of research presented
- innovation in design of proposed solution
- methodology used by the team to create the final applied solution and the testing methods applied
- replicability of the solution (students should consider factors such as the cost associated with reproducing the solution presented);

- materials required to build the system
- advantages of proposed solution
- applicability to the competition design challenge topic

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Green Theater/Booth 211

Tuesday, 11 :45a.m. to 1 p.m.

[Tuesday Lunch](#)

Phoenix Convention Center

Exhibit Hall

Tuesday, 1 :30p.m. to 3 p.m.

[Workforce planning and training for effective utilization of FRP products in corrosion applications](#)

The presentation will highlight corrosion applications using Fiber Reinforced Polymer Composites (FRP) materials. Presentation of specification and manufacturing knowledge for proper use of FRP in corrosion applications will be given. The forum will inform industry decision makers, manufacturers and installers on Fiber Reinforced Polymer application advantages. It will outline some of the workforce safety, training and selection criteria for Fiber Reinforced Polymer products. Interaction is encouraged with those in the forum who have questions or concerns regarding applications that best suit FRP corrosion products. The presentation will inform, educate and build confidence in composite product selection and application. The forum will outline some of the workforce challenges technical employees specifying FRP products and those that use them should prepare for.

Presented by: Andrew Pokelwaldt,
American Composites
Manufacturers Association

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Orange Theater/Booth 1555

Tuesday, 3 :30p.m. to 5 p.m.

[How to be an Author](#)

Ever wondered how you can be an author with NACE International? Your peers are published in Materials Performance, CoatingsPro Magazine, CORROSION journal, and NACE books. Why aren't you? Stop by our "open house" to find out from the editors and managers of these publications what you'd need to submit an article, paper, or book proposal. We're looking for authors. It could be you!

Presented by: Stephanie Chizik,
Jonnie Fuller, Kathy Larsen and
Sammy Miles, NACE International
Publications Division

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Wednesday, 10 :30a.m. to 11 a.m.

[Regulatory Challenges and Some Developments in Rail and Transportation Coatings Technology](#)

Increased regulatory requirements on health, safety, and environment have imposed many challenges on the protective coating technology in many industrial sectors including rail and transportation. The coating industry has been responding to these challenges and new product and technology developments are being made. The presentation outlines some of these challenges and highlights a few new developments by the rail and transportation coating industry in the area of high and/or 100% solids, low VOCs, low emission, low HAPS, isocyanate free, and fire protection.

Presented by: Dr. Shiwei William Guan, Strathmore - A CSW Industrial Company and Paul Whitehead, Strathmore Products, Inc.

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Orange Theater/Booth 1555

Wednesday, 10 :30a.m. to 12 a.m.

[Coatings 101](#)

This Presentation will discuss the following topics:

The forum will provide information about the use and application of coatings for the non-coatings professional. It will be comprised of case studies and lessons learned.

Presented by: Rae Marie Mattis

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Green Theater/Booth 211

Wednesday, 1:30 p.m. to 3 p.m.

[Contractor Awards Program](#)

CoatingsPro Magazine is again recognizing industry excellence in the application of commercial and industrial high-performance coatings with the second annual Contractor Awards Program. Join us on Wednesday, April 18, 2018 at 11:30 a.m. in the Orange Corrosive Chronical Theater. We will be announcing the accomplishments of the 2018 winners in six categories:

- Commercial Concrete
- Commercial Roof
- Industrial Concrete
- Industrial Steel
- Specialty Project
- Contractor/Crew MVP

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Orange Theater/Booth 1555

Wednesday, 1:30 p.m. to 3 p.m.

[Artificial Intelligence and Drone Technology Take-off: Vision-Based Automated Corrosion Detection](#)

Globally, Infrastructure is wearing out over time and its effective maintenance should be carried out in a timely manner to prevent further physical failure. For this, the precise corrosion inspection of infrastructure is required to be preceded during a regular inspection cycle.

The solution adopted a vision-based approach from an Artificial Intelligence Neural Network system by extracting possible color and texture descriptors from image sub-regions, which discriminates between sub-regions suspected and not suspected to identify anomaly areas.

The key aspect is the efficiency of the inspection process by reliably identifying potential corrosion areas using remote sensing Drone image data over a complex infrastructure in GPS-denied environments.

Presented by: Michael H Cohen,
Industrial Skyworks Inc. and Dr.
Gunho Sohn

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Orange Theater/Booth 1555

Wednesday, 3 :30p.m. to 5 p.m.

[Utilizing real data to improve the accuracy and utility of the Integrity Management risk assessment](#)

This forum will present how we planned and implemented these changes and will discuss the process and risk algorithm improvements. We will emphasize External Corrosion, Internal Corrosion, DC and AC interference, and 3rd party risk determinations. We will briefly describe the risk requirements in B31.8S and Subpart O and explain how by going beyond the minimum standards, more accurate results and more effective actions can be identified. Lastly DE Questar will describe those areas that they will continue to improve and how these improvements will help them increase safety and financial performance.

Presented by: Eric Nelson and Tony Martus, Questar/Dominion and Kevin Cowan, Kleinfelder

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RTS Meetings

Time	Name	Description	Committee(s)	Location	Location Detail
Wednesday, 8 a.m. to 5 p.m.	Corrosion Lifetime Prediction in memory of Roger W. Staehle	Roger Staehle was a proponent of using fundamental knowledge of corrosion mechanism to inform component and system design and enable intelligent lifetime prediction. This symposium will celebrate the contributions of Roger Staehle by presenting state-of-the-art concepts as they apply to a number of industries, including nuclear power generation, nuclear waste storage, pipeline integrity, and aerospace. Co-chairs: Gerald Frankel, John Scully, and Narasi Sridhar		Phoenix Convention Center	Room 105