



NACE NORTHERN AREA EASTERN CONFERENCE 2018 FINAL PROGRAM

October 14-16, 2018 | Halifax, Nova Scotia, Canada



Thank You to our 2018 Sponsors:



Schedule of Events

Day	Event	Time
Sunday, October 14, 2018	Registration	8 a.m. - 2 p.m.
	Exhibitor Set-up	2 - 5 p.m.
	Welcome Reception	5 - 6 p.m.
Monday, October 15, 2018	Registration	8 a.m. - 5 p.m.
	Program	9 a.m. - 5 p.m.
	Lunch	12 - 1:30 p.m.
	Exhibit Hall Happy Hour	5 - 6 p.m.
	Social Event	6:30 - 8:30 p.m.
Tuesday, October 16, 2018	Registration	8 a.m. - 2 p.m.
	Program	9 a.m. - 4:30 p.m.
	Lunch	Noon - 1:30 p.m.

Conference Committee

Position	Name	Company
Conference Chair	Scott MacIntyre	Atlantic Section Trustee
Conference Vice Chair	Bob Horne	Horne Inspection & Tech Services

OFFICIAL MEDIA PARTNERS



“Corrosion - East Coast Style”

The Atlantic Section is pleased to host the NACE Northern Area Eastern 2018 Conference and to welcome you to the Delta Halifax from October 14th to 16th, 2018.

The theme of this conference reminds us that corrosion is top of mind when we live and work in a coastal region. All aspects of our society are affected by this phenomenon, from whether it be infrastructure like bridges and pipelines or the cars we drive.

This conference is therefore an excellent opportunity for NACE members and non-members to share knowledge on the diverse technical subjects presented in our program and to exchange on emerging issues in corrosion.

The conference begins on Sunday with the Board of Trustee meeting. On this day, the registration will open and the arrival of the exhibitors will take place. The technical program will be held on Monday and Tuesday on a single Track. Our program will cover a wide variety of topics related to our theme.

“Corrosion – East Coast Style” wouldn’t be complete without a cruise on a sailing ship in Halifax Harbour. We invite you to join us for the welcome reception on Monday evening that will take place in the company of our musical entertainer, John Cyr!

Enjoy Halifax, Good conference to all!

Scott MacIntyre
Atlantic Section Trustee
Conference Chair

Bob Horne
Horne Inspection & Tech Services
Conference Vice Chair

Code of Ethics

THE FUNDAMENTAL PRINCIPLES

Members uphold and advance the integrity, honor, and dignity of the members' profession by using their knowledge and skill for the enhancement of human welfare; being honest and impartial, and serving with fidelity the public, their employers, and clients; and striving to increase the competence and prestige of the corrosion engineering profession.

THE FUNDAMENTAL CANONS

- A. Members shall hold paramount the safety, health, and welfare of the public in the performance of their professional duties.
- B. Members shall perform services only in the areas of their competence.
- C. Members shall continue their professional development throughout their careers and shall provide opportunities for the professional development of those members under their supervision.
- D. Members shall act in professional matters for each employer or client as faithful agents or trustees and shall avoid conflicts of interest.
- E. Members shall build their professional reputation on the merit of their services and shall not compete unfairly with others.
- F. Members shall associate only with reputable persons or organizations.
- G. Members shall issue public statements only in an objective and truthful manner.
- H. Members shall not maliciously injure the reputation, prospects, or business of others, but this does not remove the moral obligation to expose unethical conduct.

NACE International specifically prohibits sexual harassment by or against any employee, member, officer, director, or other volunteer, vendor, or customer; and such conduct will not be permitted or condoned.

Anti-Harassment Policy

NACE is committed to providing an environment free of sexual harassment (which includes harassment based on gender, pregnancy, childbirth, or related medical conditions), as well as harassment based on such factors as race, color, religion, national origin, ancestry, age, physical disability, mental disability, medical condition, marital status, sexual orientation, gender identity, gender expression, workers' compensation leave, veteran status, or any other condition or characteristic protected by law.

We expect all participants at CORROSION to abide by this Anti-Harassment Policy in all venues at CORROSION, including ancillary events and official and unofficial social gatherings.

- Exercise consideration and respect in your speech and actions.
- Refrain from demeaning, discriminatory, or harassing behavior and speech.
- Be mindful of your surroundings and of your fellow participants.
- Alert NACE staff if you notice harassment.

If you are being harassed, notice that someone else is being harassed, or have any other concerns, please contact Jackie Hune at +1 281-734-4048 on-site immediately.

Floor Plan

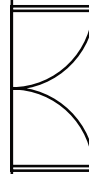
DELTA HOTEL
HALIFAX, NS, CANADA
BARONET ROOMS



FOOD & BEVERAGE

109 Dairyland Electrical Industries	107 Mobiltex Data Ltd.	105 Interprovincial Corrosion Control /Rustrol Systems
206 Corrosion Service Co. Ltd.	204 Trenton Corporation	

102 Fibron/ SpongeJET
200 Denso North America



ENTRANCE

201 Borin Manufacturing, Inc.
303 Rockwool Technical Insulation

209 Shaw Resources	207 Holdtight Solutions, Inc.	304 ROSEN
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Exhibitors/Booth Numbers

● 2018 Sponsors

Borin Manufacturing, Inc. Booth 201

Brenntag Booth 312

● **Corrosion Service Co. Ltd.** Booth 206/208

Dairyland Electrical Industries Booth 109

Denso North America Booth 200

Fibron/SpongeJET Booth 102

● **Holdtight Solutions, Inc.** Booth 207

● **Interprovincial Corrosion Control Co. Ltd. / Rustrol Systems** Booth 105

Mobiltex Data Ltd. Booth 107

Pinnacle Agencies Booth 213

Rockwool Technical Insulation Booth 303

ROSEN Booth 304

Shaw Resources Booth 209

● **Stone Tucker Instruments** Booth 212

Trenton Corporation Booth 204

Exhibitors as of September 28, 2018



AT THE FOREFRONT

“ I heard about NACE at my previous company. I've worked every day as a coating inspector for almost 17 years in the oil industry. I am proud to be NACE Coating Inspector Program Level 3 trained and certified because I am contributing to the development of my country, which is rich in oil, but there are few of us in this career. ”

—Alfredo Dias, NACE Coating Inspector Program (CIP)
Level 3 Certified, Aker Solutions at Aker Solutions
Enterprises Angola, Lobito, Angola

**NACE Career Development,
your experts in corrosion training**

Developed by Industry,
Globally Recognized.

Technical Program

SUNDAY, OCTOBER 14TH	
8 a.m. - 2 p.m.	Registration Set-up
8 a.m. - 5 p.m.	Northern Area BOT Meeting
2 - 5 p.m.	Registration Opens
2 - 5 p.m.	Exhibitor Set-up
5 - 6 p.m.	Welcome Reception - Exhibit Hall
MONDAY, OCTOBER 15TH	
8 a.m. - 5 p.m.	Registration Open
	Corrosion in Marine & Seawater Environments
9 - 9:30 a.m.	Detection of Corrosion Under Insulation Using a Semi-integrated Electrode Presented by: Georges Kipouros and Aaron Szumilak
9:30 - 10 a.m.	Best Practices for Coating Galvanised Steel Presented by: Gilles Masse
10 - 10:30 a.m.	BREAK - Exhibit Hall
10:30 - 11 a.m.	Migrating Corrosion Inhibitors to Improve Reinforced Concrete Structures Life Expectancy Presented by: Behzad Bavarian
	Oil & Gas
11 - 11:30 a.m.	Amine Base Vapor Phase Corrosion Inhibitor Alternatives to Hydrazine for Steam Generating Systems and Power Plants Presented by: Behzad Bavarian
11:30 a.m. - noon	Oxygen Induced Corrosion in Glycol and Amine Sweetening Units Presented by: Matt Kryska
12-1:30 p.m.	LUNCH
1:30-2 p.m.	Qualitative RBI - A Dandy Start for Combating Material Damage Mechanisms Presented by: Ahmad Raza Khan Rana
2-2:30 p.m.	The Development of Steel Surface Preparation Technology Presented by: Ken Rossy
2:30-3 p.m.	AC Mitigation For Pipelines Using DC De-Coupling Devices Presented by: Adel Elneihoum
3 - 3:30 p.m.	BREAK - Exhibit Hall
3:30 - 4 p.m.	The Superior Sealing Material for Proactive Corrosion Prevention Presented by: Anthony Currie
4 - 4:30 p.m.	Solid State Reference Electrode & Industrial Best Practices Presented by: Abdeljawad Abu Sneineh
4:30 - 5 p.m.	Application of 5-M Approach to Control Internal Corrosion for Crude Oil Transmission Pipelines Presented by: Joseph Emmanuel
5 - 6 p.m.	EXHIBIT HALL HAPPY HOUR
6:30 - 8:30 p.m.	SOCIAL EVENT - CRUISE ON THE SUMMER BAY

TUESDAY, OCTOBER 16TH	
8 a.m. - 2 p.m.	Registration Open
8:30 a.m.	Case Study of a failure of a Platform Crane Bolts Presented by: Hanan Sharef
9 - 9:30 a.m.	Innovation: Water Repellency of Industrial Insulation Presented by: Saboura Rokhsari Azar
9:30 - 10 a.m.	Combatting Corrosion of Regeneration Piping and Equipment in Dehydration Units Presented by: Adel Morhart
10 - 10:30 a.m.	BREAK - Exhibit Hall
	Corrosion in Transportation and Municipal Infrastructure
10:30 - 11 a.m.	Corrosion of Transmission and Hydro Assets Presented by: Nancy Sutherland
11 - 11:30 a.m.	Short Stories of Coatings & Tank Lining Calamities: Causes & Cures Presented by: Dr. Mike O'Donoghue
11:30 a.m. - noon	Zinc Corrosion Protection for Transportation and Municipal Infrastructure Presented by: Doug Rourke
12 - 1:30 p.m.	LUNCH
1:30 - 2 p.m.	Fundamental Requirements of Proper Coating Specifications Presented by: Craig Stevenson
2 - 2:30 p.m.	Corrosion Protection of the Suspension Bridges: Challenges, Issues and Opportunities Presented by: Ahsan Chowdhury
2:30 - 3 p.m.	Developing A Corrosion Control Management Plan (CCMP) for Municipal Infrastructure Presented by: Muan Wei
3 - 3:30 p.m.	BREAK - Exhibit Hall
3:30 - 4 p.m.	Practical Corrosion Evaluation in the Field Using Electrochemical Noise Measurement Presented by: Sina Jamali
4 - 4:30 p.m.	Corrosion Behaviour of Alumix 321 Powder Metallurgy Alloy in a Simulated Sea Water Solution Presented by: Abdulwahab Ibrahim and Georges Kipouros
4:30 - 5 p.m.	Case Study: Concrete Coating Failure Presented by: James Hannam

