

NACE

CALGARY SECTION

NEWS

News about corrosion and the corrosion industry produced three times a year for members of NACE International in the Calgary area.

NACE Calgary Golf Tournament

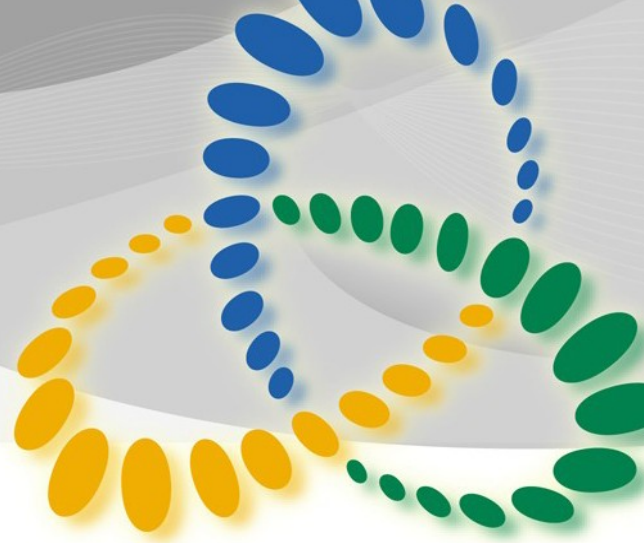
This year's NACE Calgary Annual Golf Tournament on August 17 was another well-attended event, with 208 golfers on a sunny day in mid August. Lots of networking and fun took place during the play of the game and at the dinner. The event included breakfast, hole in one prizes, lunch and a great dinner to finish off the day.

This event could not be as successful and enjoyable as it always is without the support and goodwill of many sponsors, some who have sponsored for many years.



Winning team: Randy Wright and Brad Christopolous (both PureChem), Chris Suddaby (Cycle Energy) and Andrea Cormie (SGS Canada)

A big thank you to all of the great sponsors who made this event affordable! The golf sponsors are listed on page 5 of this newsletter.



BUSINESS AS USUAL?
CORROSION IN A
CIRCULAR ECONOMY

Feb 5-7 2019
Calgary AB

The Northern Area Western conference seeks to bring together the corrosion community to explore and to discuss the concepts of Materials Sustainability and Materials Stewardship within the Circular Economy as additional principles to consider within Corrosion Management best practices.

The conference technical program will also include program tracks focusing on oil and gas and infrastructure corrosion among many other topics.

[Click here](#) for more information and to register and/or sponsor.



Message from the Chair

With the best of summer behind us, I hope you are prepared for the upcoming winter months!

We are seeing a remarkable turnout for our technical lunch and learn sessions. So NACE Calgary is planning on hosting more technical talks, half-day sessions and satellite seminars in 2019.

The technical luncheon on “Pipeline Integrity: Regulatory Compliance and Performance Measures” was well attended and provided a good discussion forum for these topics. Special thanks to Adam Shelley and Bala Ganapathy of Plains Midstream Canada for their presentations. I would also like to thank the Program Committee for pulling this together.

The next technical event is our November 16 half-day session on “Facility Integrity Management – Best Practices and Continuous Improvements”. The “Introduction to Corrosion” training course is being offered prior to the technical sessions, from 8:00 am to 10:00 am. The presenter is our very own Past Chair Jana Johnson, Pipeline Integrity Engineer at Repsol Oil & Gas Canada Inc.

In today’s market staying on top of new developments is crucial. Training and education can broaden your area of expertise, and offer greater recognition and credibility. A number of NACE Courses are scheduled in Calgary, including:

- CP1, October 29-November 2, 2018
- CP2, November 5-9, 2018
- Basic Corrosion, December 10-14, 2018

We look forward to seeing you in a NACE class this year!

We are starting the new year with the promise of much to come in the way of programming, networking, and communications, including the Northern Area Western Conference, more technical lunches and a number of courses. We will keep you posted as everything unfolds.

On behalf of the entire Calgary Section Executive, I would like to wish you all a happy and prosperous 2019!

Laura Cardenas
Laura.cardenas@lr.org

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Recent Events

Pipeline Integrity - Regulatory Compliance and Performance Measures – Lunch and Learn

145 members, non-members and students attended this Lunch and Learn on October 12 with two great presentations by Adam Shelly and Bala Ganapathy.



Upcoming Events

Facility Integrity Management – Best Practices and Continuous Improvements November 16, 2018

This all day symposium includes 5 technical presentations, lunch and a tradeshow. For those interested in learning more about the corrosion industry, a training course will be offered in the morning.

[Click here](#) for more information and to register.

Nearby Courses*

- **Cathodic Protection Technician (CP2)** November 5-9, 2018, Calgary
- **Basic Corrosion Course** December 10-14, 2018, Calgary
- **Cathodic Protection Tester (CP1)** January 14-18, 2019, Calgary
- **Cathodic Protection Technician (CP2)** January 21-25, 2019, Calgary
- **CP Interference –** February 11-16, 2019, Calgary
- **Internal Corrosion for Pipelines – Advanced -** November 19-23, 2018, Edmonton

*Visit www.nace.org for more information.

ASM/NACE 2018 Teachers Camp

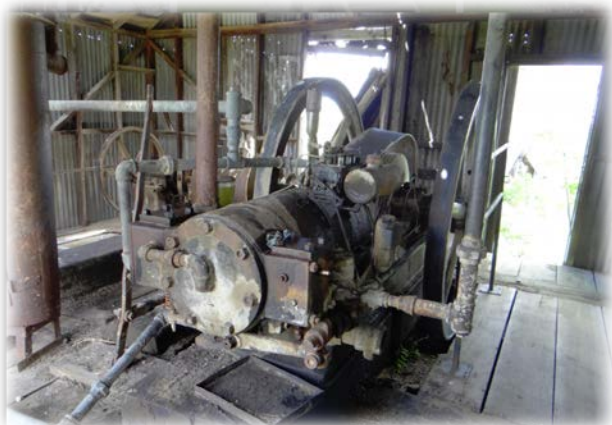


2018 ASM/NACE Materials Camp for Teachers in August at the University of Calgary

Since 2005, the NACE Foundation has partnered with the ASM Materials Education Foundation to fund and organize Teacher Materials Camps. These are week-long educational summer camps for S.T.E.M. (science, technology, engineering, and math) teachers. These camps are held in two locations in Canada – Calgary and Ottawa and in more than 40 cities across the United States each summer providing STEM educators with the tools to excite their students and further their professional development. These camps are FREE for attendees. Educators work with metals, ceramics, polymers, and composites, and develop a greater appreciation for the importance of these materials in modern life. 97% of teacher participants incorporate the experiments and learned concepts in their classrooms.

Student Section News

Students visit the Museum of Making



In September, a group of twenty students took a bus to visit the Canadian Museum of Making. The tour included a live forge demonstration and a fascinating glimpse into the history of metalworking and machines.

The Canadian Museum of Making in Alberta gathers items from around the world that live in the intersection between engineering and art. The collections focus on the mechanical wonders of the Industrial Revolution in Canada, Great Britain and the United States, restoring pieces to working order and recording their stories for museum visitors and future generations.



The Museum's newest project is acquiring and restoring machinery from the early history of oilfields in Alberta to create a comprehensive, outdoor, walking exhibit featuring the most representative and iconic equipment that played a role in forming the oil industry we experience today. Visit <https://museumofmaking.org/> for more information.

**Upcoming Technical Talk at the University of Calgary
Mark the dates – more information to come...**

November 15, 2018: "Introduction to Non-Destructive Testing Techniques" with Michael Zhou from IRISNDT

About the NACE Student Section

Prospective industry professionals can build the right career foundation and receive educational resources with NACE International Student Membership. NACE Calgary is committed to its student members and offers a host of including opportunities to network with colleagues and learn from corrosion professionals, as well as favorable pricing for NACE Calgary events. To become a NACE student member, you must be enrolled as a full-time student at an accredited university or college – Visit the NACE Calgary website to learn more...<http://www.nacecalgary.ca/student-membership.htm#student>.

Thanks to all our great golf tournament sponsors!

Hole in one

Baker Hughes
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NALCO Champion
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BBQ

Onstream Inspection

Skill Price

International Paint (AkzoNobel)

Carts

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Dinner

Explore Integrity

Breakfast

Corrosion Services

Golf Balls

Corrosion Services

Score Card

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Group 10 Engineering

Hole Sponsor

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NACE Cathodic Protection Training

The Northern Area (Canada) Sections have been working with the Northern Area Board and NACE HQ to provide coordinated cathodic protection training in Canada. NACE HQ will continue to run Cathodic Protection (CP) Level 1 & CP Level 2 courses in Calgary in the Fall and Winter of 2018. Registration is open for November 2018 and 2019. Other educational courses are scheduled based on registration and demand.



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We would like to take this opportunity to remind all candidates of advanced Cathodic Protection courses, that all the NACE Institute Exams are Certification Exams, not course exams, and that anything in the recommended training and reference material can appear in the exams (particularly important at Level 3 & 4). Do not expect exams to be constrained to the material presented in that particular education course. Please pay attention to the recommended work experience and training before embarking on any particular course. Please also be advised that the NACE Institute (NII) has produced very comprehensive exam preparation guides that are particularly important for candidates for the CP Technologist and CP Specialist certifications. These can be found via the NACE website www.nace.org, by following the "Training and Education" and "Certifications" links to the NII website. It is highly recommended to download the exam preparation guides before attending registered courses. These guides stress the progressive nature of training and certification exams.















Progressive training is recommended and the suggestion is to do CP Level 2 before CP Level 3. It is also recommended to complete the CP Interference course before CP Level 4. Having the comfort and skills from this 5-day course, including the attenuation calculations, is immeasurably beneficial for candidates attempting CP4 certification exams.

The CP Level 3 courses have been immensely popular in Canada and at this time there are a significant number of "Cathodic Protection Technologists" (CP3) ready to progress to higher certification. We are also aware of travel and training budget constraints, and hence we are working together to bring a coordinated approach to Canada as a whole, to better serve our members.

For more information please visit <https://www.naceinstitute.org/>.



Thanks to our 2018 Annual Sponsors For helping us to make it happen!

			
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NACE News is produced three times a year
by the Executive Committee
of NACE Calgary Section.

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or to submit an article or story.