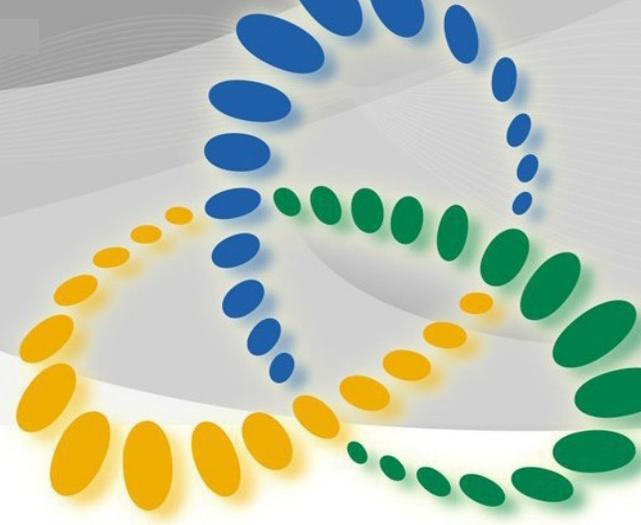


News about corrosion and the corrosion industry produced three times a year for members of NACE International in the Calgary area.



## **NACE INTERNATIONAL CORROSION STUDY CAN SAVE CANADIAN ECONOMY \$20 BILLION**

NACE International Institute (NII) launched the preliminary phase of its International Measures of Prevention Application and Economics of Corrosion Technologies (IMPACT) Canada Study. After producing valuable results in the U.S., Europe, Asia and the Middle East, the study will now analyze the financial and societal effects of corrosion on six industry sectors representing 36.5% of Canada's Gross Domestic Product (GDP). Using data from the study, NII will produce a report identifying actionable solutions to increase public safety and reduce costs nationwide.

Working in partnership with the International Union of Painters and Allied Trades (IUPAT), NII will gain comprehensive industry insight and expertise from hundreds of professionals with expertise in corrosion prevention and control. The seven industry sectors at the core of the study include manufacturing, mining, energy, transportation, marine, and municipal; and a minimum of 120-150 respondents will participate.

Globally the IMPACT study has provided data that has been used to keep government officials, regulators, industry and the general public informed about corrosion control management practices and the associated reduction of corrosion costs. The data has been instrumental in the development of public policy, standards, and corrosion management planning. The six-month study is being led by NII and will include participants from IUPAT, industry asset owners, and corrosion control management experts in the professional contracting field.

Organizations within the seven industry sectors are encouraged to participate in the study. Those who take part will receive an advance summary of the report prior to public distribution.

Industry representatives who wish to be involved in the study should contact Monica Hernandez at [monica@infinitygrowth.ca](mailto:monica@infinitygrowth.ca).



## Message from the Chair

Welcome back NACE Calgary members...

We are set to kick off another year at NACE Calgary!

Our last NACE newsletter was delivered during the first week in January, 2020. The year began with record low temperatures across the prairies that kept us indoors – Brrrrr! And around that time we were busy working on technical programs, reviewing our membership survey, and looking forward to our next Lunch and Learn at the Petroleum Club on January 31 with Dean Carnes from Canadian Natural Resources and J.F (Jim) Chmilar from Chmilar and Associates Consulting. Their presentation on Pipeline and Corrosion Industry Standards was well received.

We were all set for our March 13 presentation on “Engineering Assessments in Pipeline Integrity Management”. But due to the rapid outbreak of Covid-19 in Calgary, NACE Calgary Executive decided, in the best interests of all attendees, to cancel that technical lunch and learn. Our very first webinar ever (!) on May 20 was a bit bumpy as we learned how to deliver an online event but it was still a huge success! Many thanks to Dave Grzyb for his interesting and informative session. We are now looking forward to many more webinars in the upcoming months.

The NACE Calgary Executive Committee recently completed our 2020/21 planning session and have brain-stormed a lot to keep our membership engaged, at a distance. This year may look different than what we are used to but NACE Calgary is committed to moving forward to provide our members with a quality program of technical events.

A pandemic really makes you think outside of the box which isn't all bad.

Stay Healthy and Engaged!

Craig Ball  
NACE Calgary Chair

## NACE Executive Committee

**Craig Ball**  
Chair

**Vice-Chair**  
Erik Welmer

**Past Chair/Trustee**  
Laura Cardenas

**Treasurer**  
Linda Kitsul

**Secretary**  
Erwin Gamboa

**Membership**  
Nicole de Varennes

**Sponsorships**  
Jennifer Dickason

**Program**  
Prakash Gunasekaran

**Career**  
Ravishankar Nagarajan

**Arrangements**  
Erik Welmer

**Publicity**  
Tim Ross

**Teacher Camp**  
Nicolas Suidgeest

**Student Section**  
Yi Chen

## March 20 NACE Calgary Virtual Event

571 people attended NACE Calgary's first ever virtual event on May 20, 2020. The topic was "Engineering Assessments in Pipeline Integrity Management", and the presenter was Dave Grzyb, R.E.T. P.L.(Eng.) and Alberta Energy Regulator.

His interesting presentation focused on the What, When, Why, and How of Engineering Assessments.

[Click here](#) to download the presentation.

## Recent Student Events

### Annual Research Symposium online!

NACE Southern Ontario Student Section (SOSS) hosted its 10<sup>th</sup> annual Research Symposium online! The symposium was held on July 23<sup>rd</sup> and July 24<sup>th</sup>, 2020 and featured keynote presentations, student oral and poster presentations, and first ever alumni panel!

This two-day free online symposium was attended by students, prominent academics, and industry professionals, and was dedicated to the state of the art research in the field of corrosion and protection.

[Click here](#) for more information.

## Upcoming Event



### NACE Calgary Student Section

**Technical Talk:** Pipeline Integrity Risk

**Presenter:** Brett Johnson

**Bio:** Brett Johnson is a professional engineer and has been working in the pipeline integrity industry for over 11 years. His current role at Pembina is a Specialist of Risk and Integrity Management who helps execute annual risk assessments on Pembina's pipeline systems and designing and evolving the models and data systems that run the risk calculations. His background includes planning and managing pipeline integrity programs, fitness for service assessments, risk and software development.

**When:** Thursday, October 15, 2020

6:00 pm-7:30 pm MT, and 8:00-9:30pm EST

**Cost:** Free (Sponsored by NACE Calgary Section)

### Zoom meeting:

**Link:** <https://uwa.zoom.us/j/99460623945?pwd=MOEzNzFqSm1CZktMQlZOMkVpaUxuUT09>

**Meeting ID:** 994 6062 3945

**Passcode:** 581606

[Click here](#) to RSVP by October 14.

## Student Section Technical Talk and Networking Session on September 17

The topic for this virtual event was "Passive Fire Protection (PFP) on Structural Steel Know How?" and the presenter was Ravi Nagarajan, Key Account Manager – Specifications, at AkzoNobel Coatings.

Ravi received Kudos for an amazing talk on Passive Fire Protection on September 17, and 20-minutes of Q&A followed a 45-minute presentation. This technical talk/event effectively bridged the gap between the academic courses and industry for attendees, since the U of C engineering department does not have a structural engineering major and most students do not have much background information about Passive Fire Protection.

In his talk, Ravi provided a general introduction of various fire protection solutions both active and passive, federal and local governing standards, building codes, intumescent passive fire protection-testing design and application. It was a very active and interested audience, with several questions on materials properties and reaction in cold climate services in Alberta where the freeze and thaw cycle is severe.



## NACE International opportunities

### IMPACT PLUS – Strategy for Corrosion Management - Virtual

This course outlines how equipping employees across the organization with a process for fighting corrosion can prolong the lifecycle of critical assets by creating a consistent process and operating procedure. Students will be introduced to corrosion management, the cost of corrosion, corrosion failures, and how using IMPACT PLUS can empower organizations and their employees. to consider the effects of corrosion within their business unit.

[Click here](#) to learn more.



### New virtual short courses bring fresh perspective to some of the latest corrosion industry issues!

Take a technical deep dive into the latest trending topics in corrosion with Corrosion Technical Series (CTS) Short Courses. These courses are designed to deliver neutral, educational content from industry experts across many major industries and professional backgrounds as they teach their unique insights regarding current and future developments in corrosion control. Earn professional development hours (PDHs) toward NACE International Institute (NII) recertification from the comfort of home.

[Click here](#) to learn more about CTS Short Courses.

[Learn more about CTS Short Courses](#)

**CORROSION**  
**TECHNICAL**  
**SERIES**  
Short Courses

### For the first time ever in a FULLY virtual format Corrosion Control in the Refining Industry



Receive the very same education you would get with our popular in-person course - but in a fully virtual format. Engage with a live instructor and your classmates for a true classroom experience! Walk away equipped with a better understanding of the effects of corrosion on the production environment and ways to address the various methods to implement corrosion control throughout the full asset lifecycle. [Click here](#) for more information.



### Nahidul Ghani, proud recipient of NACE Calgary Student Engineering Award

"Thank you for the generous National Association of Corrosion Engineer Award in the amount of \$1,000. I am very pleased and appreciative to learn that I was selected as the recipient of this Student Award.

"Let me tell you about myself, I am a graduate Electrical Engineer. I plan to pursue my career as a Power Engineer with the long-term goal of becoming a Power Engineer. That is why I have applied for Power Engineering Technology programs at SAIT this upcoming Fall, 2018 which is a two-year Diploma program. Thanks to generous Awards, I am now one step closer to achieving my goal.



"By awarding this Award, you have reduced my financial burden, which allows me to focus on my schoolwork and not worry so much about how I am going to pay for school and most importantly for my family. I hope one day that I will also be able to help struggling students reach their goals in higher education by assisting them in the same way you are helping me. Thank you for your generosity."

Nahidul Ghani and fellow recipient Austin Gross were this year's NACE Calgary award recipients.

**An active certification equals an active career!**

Keep your career active by keeping your certification current.

By making sure that your certification does not lapse, you will maintain your hard-earned credentials and continue to set yourself apart from the competition.

You can also avoid a reinstatement fee or possible suspension of your certification, which could affect your current and future jobs. Upon renewal your certification will bear the same value and will continue to represent your professional achievement of certification with NACE.

Certifications are eligible for renewal beginning 90 days prior to the expiration date.

Visit [naceinstitute.org/recertify](http://naceinstitute.org/recertify) to renew your certification today!

**NACE**  
INTERNATIONAL

**NACE**  
INTERNATIONAL  
INSTITUTE

Annual Sponsorships help us to achieve our goals to serve our members. In this and future issues, we will introduce you to our Annual Sponsors. This newsletter profiles Gold Sponsor Pipetech Corporation...

## PIGGING & SEALING SOLUTIONS That Protect the Integrity of Your Pipeline

Pipetech Corporation designs and delivers products that mitigate corrosion and ensure the integrity and efficiency of pipelines around the world. Our industry-leading pigging products demonstrate optimum performance in applications ranging from routine maintenance & heavy solids removal to preparation & implementation of corrosion inhibitor chemical, even in the most challenging environments.

Our sealing solutions protect pipelines from dangerous leaks and spills and ensure the safe flow of fluids in pipeline transmissions, distribution and process piping systems under the most rigorous sealing requirements.

**Pigging Products . Flange Isolation & Sealing . Pig Detection & Tracking**



*Keeping Pipelines & Communities Safe Since 1987*

**pipe • tech™**

**Innovation . Integrity . Optimization**

Pipetech Corporation  
3311 114 Avenue SE, Calgary AB  
T2Z 3X2 Canada

[www.pipetechcorp.com](http://www.pipetechcorp.com)  
+1(403) 287 3558

Annual and single event sponsorships help us to achieve our goal and to serve our members by supporting the cost of our events and programs. In turn, they increase their exposure to individuals and organizations that care about corrosion control and the corrosion industry.

We are grateful for the support of the following Annual sponsors:

 <p>Gold Sponsor</p>	 <p>Gold Sponsor</p>	 <p>Gold Sponsor</p>	 <p>Gold Sponsor</p>
 <p>Gold Sponsor</p>	 <p>Gold Sponsor</p>	 <p>Silver Sponsor</p>	 <p>Silver Sponsor</p>
 <p>Bronze Sponsor</p>	 <p>Bronze Sponsor</p>	 <p>Bronze Sponsor</p>	 <p>Bronze Sponsor</p>
 <p>Bronze Sponsor</p>			

[Click here](#) for a pdf about annual sponsorship.

For more information, [click here](#) to contact Jennifer Dickason.



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

[Click here](#) to provide feedback,  
and/or to submit an article or a story.