



The Materials
Information Society

Edmonton Chapter News

January Events

Technical Dinner Meeting Recap

James Derksen

Happy New Year!

The January technical dinner meeting started the 2014 technical program with Failure Analysis! Dr. Erhan Ulvan of Acuren Group presented "*Unusual Failure Patterns and Innovative Approaches to Failure Analysis*" to an audience of 62 attendees. Dr. Erhan opened his presentation with a general overview Acuren then promptly jumped into failure analysis. Dr. Erhan offered two unusual case studies: the first was a cracked aluminum boat mast, and the second was a braided copper wire used in a murder case. The audience was highly engaged and it was a very interactive evening. If you have any ideas on topics or speakers you wish to see at the technical dinner meetings, please let us know. You can contact [myself](#) or [ASM Edmonton](#). We would love to hear from you!



Dr. Ulvan discussing innovative approaches to failure analysis



James Derksen, ASM Edmonton Vice-Chair, thanking Dr. Ulvan for his presentation

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February Events

Technical Dinner Meeting

For the fourth technical dinner meeting of the season, ASM Edmonton will be welcoming Ana Benz from IRISNDT to present on *Failure of Polymer and Reinforced Polymer Industrial Piping Components*.

Abstract:

Fiberglass reinforced composites, plastic lined steel and polyethylene piping are essential components in today's industrial sites. These materials can have excellent resistance to acids, particularly when compared to metals, which are their counterparts and partners at plant sites. They can be damaged during installation and service, although their degradation mechanisms are different than those of metals. Some of the types of damage and failures of these materials will be presented.

About the speaker:

Ana Benz has 31 years of experience as a Corrosion, Failure and Inspection Specialist. She has worked for IRISNDT for 16 years; she performs inspections and organizes plant inspection projects using mainstream and advanced inspection technologies. She graduated as a Materials Engineer in the University Simon Bolivar in Venezuela and then obtained a Master's degree in Materials Engineering at the University of British Columbia. She has several CGSB NDT certificates and CWB Level 3 and API 510 certifications. She was a member of the NACE Edmonton Executive for 15 years and before that participated in various capacities for the Edmonton Chapter of the Canadian Welding Institute.

Dates and Times:

Date: Thurs, February, 27, 2014
Registration: 6:00 PM
Dinner: 6:30 PM
Technical Program 7:30 PM
Location: University of Alberta Faculty Club

RSVP by February 25th, 2014 to asm.edmonton@gmail.com

Costs:

Students: \$10
Professional Members: \$25
Non-Members \$35
Payment can be made by cash or cheque. If you would like to pay by credit card, there will be a nominal fee of \$1.50 to cover processing cost. For more details regarding this payment option please contact us at asm.edmonton@gmail.com.



Upcoming Events

2013-2014 Events

Thurs, Feb 27th – Technical Dinner Meeting
Topic: Fracture through Polymer
Speaker: Ana Benz
Location: U of A Faculty Club

Fri, Feb 28th – Educational Seminar
Topic: Failure Analysis
Speaker: Dr. Ian Le May

Thurs, Mar 27th – Technical Dinner Meeting
Topic: Thermal Spraying
Speaker: ASM Trustee Bill Lenling
Location: U of A Faculty Club

Thurs, Apr 24th – Technical Dinner Meeting
Topic: TBA
Speaker: TBA
Location: U of A Faculty Club

Fri, May 9th – Alley Kat Brewery Tour
Location: Alley Kat Brewery

Thurs, Jun 5th – Annual General Meeting
Location: U of A Faculty Club

Chapter Sustaining Members

Please take a moment to visit the websites of our chapter sustaining members

[Altasteel Ltd.](#)

[Argus Machine Co. Ltd.](#)

ASM Edmonton Executive

2013-2014 ASM Edmonton Executive

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Educational Seminar

Amanda Schneck

The ASM Edmonton Chapter is pleased to welcome Dr. Iain Le May, President of Metallurgical Consulting Services Ltd., to Edmonton to provide a one-day seminar on failure analysis. Dr. Le May has consulted world-wide and acted as an expert witness in a number of court cases. Among several other distinctions, he is a Fellow of ASM and has authored numerous books and more than 300 papers.

This seminar will go over the importance of failure analysis and the typical tools and procedures used to perform a failure analysis. Several specific topics and examples will be covered, such as railway and refinery failures.

| | |
|-----------------|--|
| DATE | Friday, February 28, 2014 |
| TIME | 8:30 - 4:30 |
| LOCATION | Alberta Innovates Technology Future 250 Karl Clark Road Edmonton, AB |
| COST | Students: \$150 ASM Members (or affiliate association): \$345 Non-Members: \$395 |

Reserve your spot by e-mailing Connie Williams at Connie.Williams@albertainnovates.ca no later than Tuesday, February 25th. Payment via cash, cheque or PayPal will be accepted; receipts will be issued the morning of the event.

Awards

NAIT ASM Student Scholarship

Michael Powley

ASM International Edmonton Chapter awards an annual scholarship to a second year Materials Engineering Technology student with the highest grade average. This year the scholarship was awarded to Meijun Zhu. Congratulations Meijun Zhu!



ASM Executive member Mike Powley awarding Meijun Zhu the 2013 ASM Scholarship for NAIT.

Feedback

The ASM Edmonton Executive is continually working to improve this newsletter in order to better serve our members. If you have any suggestions or comments regarding the newsletter or if you would like anything included please contact us [here](#).

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