

### April Dinner Meeting Recap

#### Patrick Lysz

On April 21<sup>st</sup>, the local Chapters of ASM and AWS hosted a joint meeting. Patrick Tremblay, from Zetec Corporation, presented on *Advances in Ultrasonic Weld Inspection Technologies*.



Mr. Patrick Tremblay at ASM April Dinner Meeting.

Zetec began as an eddy current testing equipment manufacturer and has expanded to magnetic flux leakage and ultrasonic testing equipment. Patrick reviewed phased array testers and showcased some of the equipment available from Zetec. The limitations and advancements in phased array testing and the different robotic crawlers used brought forward some questions from the assembled members and led to a lively question period.

During the same meeting, the winning U of A group of the ASM Materials Design Award presented an abbreviated version of their final project. Each student received a cheque for \$100 and their names engraved on the plaques that will hang at U of A. Congratulations Benjamin Ryan, Ryley Milne, Jean-Luc Vandist, and Michael Elkins!



Benjamin Ryan, Ryley Milne, Jean-Luc Vandist, and Michael Elkins with the ASM Design Award Plaque

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### Upcoming Events

#### 2015 Events:

#### ASM Edmonton Annual General Meeting

Thursday, June 4, 2015

Location: University of Alberta Faculty Club

#### Fall 2015 Educational Course "Failure Analysis"

September 15, 2015

Instructors: Various

Location: IRISNDT (5311 - 86 Street, Edmonton)

The senior NAIT technical projects had not presented at the time of this dinner meeting. However, congratulations to Evan Ficko and Morgan Hill who won the ASM Best Technical Presentation Award! Each student was presented with a \$100 cheque and a personalized certificate at the end of April. Their names are also engraved on a plaque that will hang at NAIT.

If you have any ideas for future technical speakers or topic please don't hesitate to contact us at [ASM.Edmonton@gmail.com](mailto:ASM.Edmonton@gmail.com)

### Upcoming Event

The ASM Edmonton Annual General Meeting is scheduled for Thursday, June 4, 2015 at 6 PM at the Faculty Club.

This meeting is FREE for all (members, non-members and students), as we are welcoming you to provide any feedback to last year's events and suggestions for upcoming events/topics you would like ASM Edmonton to offer. We will also be voting on the 2015-2016 executive members, so please come out and express your interest in joining the executive if you wish to get involved!

#### Dates and Times:

Date: Thursday, June 4, 2015

Registration: 6:00 PM

Location: University of Alberta Faculty Club

RSVP by Tuesday, June 2, 2015, to: [ASM.Edmonton@gmail.com](mailto:ASM.Edmonton@gmail.com)

#### Costs:

FREE OF CHARGE

### Edmonton Regional Science Fair

#### Connie Williams and Nancy Manchak

On April 11, ASM Edmonton judged Materials Science related projects at the Edmonton Regional Science Fair. A junior and senior award was given. The junior award went to a project that researched the efficacy of the central layer in bicycle helmets. The student built a force sensor and experimented with different materials to determine how much force was transferred through the helmet.

The senior award went to a project where a biodegradable polymer was fabricated through household chemicals in his kitchen. The student improved his design by addressing the solubility of the household polymers in water.

### 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](#).

### Executive Members

#### Patrick Lysz – Chair

Black Cat Blades

[psylsz@gmail.com](mailto:psylsz@gmail.com)

#### James Derksen – Co-Vice Chair and Webmaster

IRISNDT

[TrustyJAID@gmail.com](mailto:TrustyJAID@gmail.com)

#### Greg Nelson – Co-Vice Chair, Awards Chair

IRISNDT

[gmnelson@ualberta.ca](mailto:gmnelson@ualberta.ca)

#### Katherine Jonsson – Past Chapter Chair

IRISNDT

[katherine.jonsson@irisndt.com](mailto:katherine.jonsson@irisndt.com)

#### Matthew Bell – Treasurer

IRISNDT

[mbell@irisndt.com](mailto:mbell@irisndt.com)

#### Connie Williams – Technical Dinner Meeting Chair

CASTI

[Connie.Williams@casti.ca](mailto:Connie.Williams@casti.ca)

#### Jason Li – Communications Chair

GE Oil & Gas

[lijing8704@gmail.com](mailto:lijing8704@gmail.com)

#### Dr. John Nychka – Student Outreach

University of Alberta

[jnychka@ualberta.ca](mailto:jnychka@ualberta.ca)

#### Dr. Leijun Li - Education Course Chair

University of Alberta

[leijun@ualberta.ca](mailto:leijun@ualberta.ca)

#### Dr. John Wolodko – Teacher's Camp Outreach and Canada Council

Alberta Innovates Technology Futures

[John.Wolodko@albertainnovates.ca](mailto:John.Wolodko@albertainnovates.ca)

#### Mike Powley – NAIT Faculty Liaison

NAIT

[mpowley@nait.ca](mailto:mpowley@nait.ca)

#### Sherman Chan – Secretary

Qualimet

[sherman@qualimet.ca](mailto:sherman@qualimet.ca)

#### Din Islam – Education Chair

Covax Tank Company Inc.

[islam@ualberta.ca](mailto:islam@ualberta.ca)

#### Rachael Stewart – Membership & Young Members Chair

RAE Engineering

[rachael.stewart@raeengineering.ca](mailto:rachael.stewart@raeengineering.ca)

#### Therza Hansen – NAIT Student Representative

NAIT

[therzahansen@yahoo.ca](mailto:therzahansen@yahoo.ca)

#### Mubaraka Husain – U of A Student Representative

University of Alberta

[mhusain1@ualberta.ca](mailto:mhusain1@ualberta.ca)

#### Dr. Chinnia Subramanian – Member at Large

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[chinnias@hotmail.com](mailto:chinnias@hotmail.com)