



AFS—BC Chapter MARCH NEWSLETTER

We're on the web!
<http://www.afsbc.ca>

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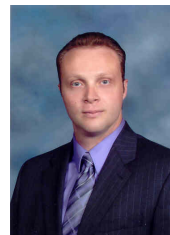
March Technical Speaker and Social Outing

In March we are very excited to offer a meeting that will be a bit different from what you are used to. There will be no formal dinner and the meeting will run from 3:30pm - 6:30pm. The meeting will begin with a short meet and greet before we get to the speaker. Afterwards everyone is welcome to join us for a social hour (or two) with appetizers and a cash bar. During the social hour a slideshow from Fire in the Blood will play.

We are thrilled to have Brian Began from FOSECO as our speaker. Brian Began is an Applications Manager, Non-Ferrous at Foseco. Brian started with Foseco in February 1998 and has previously worked as a Product

Development Engineer, Product Manager, and Account Executive in the Non-Ferrous Foundry Group.

Brian is the current chairman of the CAC-Ohio AFS Chapter. In addition, Brian is a member of the AFS 2-D Aluminum Structural Castings Committee and the Secretary for the AFS 2-E Permanent Mold Committee. At the AFS Metal Casting Congress in April, Brian will receive the Glenn Stahl Service Award for outstanding service towards the promotion and growth of the aluminum casting industry.



Brian Began

Topic: Advancements in Treating and Monitoring Molten Aluminum

Date: March 17, 2011
Time: 3pm
Location: Delta Town & Country
Cost: \$25
Contact: Crystal Lambert
sales@purityalloys.com

Please come out and join us for a great speaker; a mini history lesson and mingling with your foundry friends!

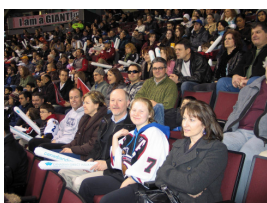
Hockey Night Recap—Vancouver Beats Up On The T-Birds

Those who attended the AFS BC Chapter's annual hockey night on were delighted to watch the Vancouver Giants en route to a 6-2 win over the Seattle Thunderbirds.

After a pregame ceremony honouring Vancouver Olympics CEO John Furlong and the Olympic Gold Medalist Maelle Ricker the Giants rewarded them with the

first goal of the game.

In the second the Giants wasted little time adding to their lead. The Giants were in full control, or so they thought. Seattle



scored two quick ones late in the period to cut the lead to 3-2 Vancouver through 40 minutes.

Vancouver again found the back of the net to put the home team up 4-2. Two fast goals later it was left a 6-2 final.

Thank you to everyone who came out to make this another fantastic event!

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"I have metal filings in my teeth. My refrigerator magnets keep pulling me into the kitchen. That's why I can't lose weight!"

April Technical Event—Green Sand Seminar

We are pleased to announce the date and time of the much anticipated Green Sand Seminar.

Speaker: Vic Lafay, Manager of Research and Technical Development for S & B Industrial Minerals

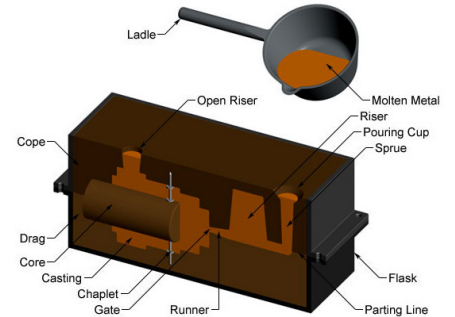
Topic: Recent advancements in green sand molding technology for both Ferrous and Non-Ferrous metals with an emphasis on the future of green sand molding techniques.

Date: April 13, 2011

Time: 9:30am—2:30pm

Location: Delta Town & Country Inn

Cost: TBD



"Aluminum was once considered a precious metal, more valuable than gold. It has only been produced in commercial quantities for just over 100 years"

10 Rules For A Good Casting

Rule 8. Plan Segregation Distribution

Change of section will normally involve change in distribution of alloying elements in the casting.

This can mean parts of the casting are out of chemical specification.

Such problems may need to be addressed if properties are threatened (such as a local brittleness, especially in a stressed region) and may require prior negotiation with the customer.



Chinese iron workers smelting iron ore to make pig iron

AFS International News—Students Tour Metalcasting Facility

The AFS Western Michigan Chapter hosted student night on Feb. 6, where students were given a glimpse of the metalcasting industry with a tour of the Compass Technology Group, Fruitport, Mich. Before the tour, Andy Scherf, purchasing manager for CTC and AFS member, told tour members about the industry.

"When you look at careers, I

think, in the metalcasting industry, you look at all the engineering, accounting, manufacturing jobs," he said. "Many types of work can be found within the industry."

After seeing the metalcasting facility, students were given a tour of the Muskegon Community College industrial materials laboratory. The room included a

furnace for making metal castings, as well as a plastic molding machine and a kiln for ceramics, among other equipment.

"The point of bringing students to see the inner workings of a metalcasting facility is to get them interested in the industry itself," Scherf said after the tour.



AFS NW Regional—Portland, Oregon

The AFS NW Regional Conference is less than 2 months away!



This year the conference is hosted at the beautiful Hilton Tower Downtown in Portland, Oregon.

Do not miss on the Savings for

early registration!

Hotel early registration is \$139.00 and ends on February 26, 2011. After this date registration is \$189.00. Registration code: AMS

Conference early registration is \$285.00 and ends on February 28, 2011. After this date registration is \$315.00. One day registration is available.

The deadline to sign up for the Winery Tour is February 28. You

can sign-up for other March 31st tours by contacting Todd Schaaf at tschaaf@emsco.com

To find out more details & contacts please visit our web page: www.afsnwregional.com



Portland, Oregon Hilton Tower Downtown



Just-In-Time Education—AFS Headquarters—Webinars

AFS and CMI produce many educational opportunities to keep metalcasters abreast of the latest technical, environmental, health and safety and industry marketing trends. There are many internet courses and webinars that have been produced just in time for you to make your facility more productive. For

more information on internet courses contact Jennifer Head, CMI director of education, at jhead@afsinc.org. To inquire about webinars, contact Dave Krugman, AFS PR and marketing coordinator, at dkrugman@afsinc.org.

Current Upcoming Webinars:

Rare Earth Elements in Ductile Iron: Why do you use rare earths anyway and what can you do as an alternative?

Confirming Effectiveness of Corrective Action: How do you tell whether corrective actions are effective or not?

“Copper metal can be used as an anti-germ surface that adds to the antibacterial and antimicrobial features of buildings such as hospitals.”

Just-In-Time Education—AFS Headquarters—Internet Courses

CMI offers several options for on-demand, self-paced internet courses. Short-format courses range from 30 minutes to 2 hours, and full-length courses mirror the content taught in their live 2 and 3 days lecture courses. Most are taken through CMI's e-learning website located at <http://castmetalselearning.com>, while

a few are hosted by Banu Learning Systems. Individuals view narrated, PowerPoint-based presentations and complete assessments to test comprehension. PDF copies of the presentations are available for download, and certificates of completion become available for printing after passing the assessment.

Upcoming Internet Courses:

Analysis of Casting Defects: This online course teaches students to understand and characterize casting defects related to green sand molding, chemically bonded mold/core sands, molten metal, and gating and risering design; identify causes of defects and implement solutions or eliminate defects.



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Letters to the Editor:
Crystal Lambert
AFS - BC Chapter
c/o Purity Casting Alloys Ltd.
#15 - 18503, 97th Ave
Surrey, BC V4N 3N9
Phone: 604-888-0181
Fax: 604-888-8318
E-mail: sales@purityalloys.com

Calendar Of Events

Date/Time	Event	Location
Friday February 18 Time: 5:30pm	Hockey Night Vancouver Giants vs. Seattle Thunderbirds	PNE, Vancouver, BC
Thursday March 31–April 2	Oregon Chapter NW Regional	Portland, Oregon
Thursday March 17 Time: 3:30–6:30pm	March Meeting: Advancements in Treating and Monitoring Molten Aluminum	Delta Town and County Inn, Delta, BC
Wednesday April 13 Time: 9:30am–2:30pm	April Meeting: Green Sand Seminar presented by Vic Lafay	Delta Town and Country Inn, Delta, BC
Saturday May 14 Time: 6:00pm	Annual General Meeting and Ladies Appreciation Night	Fort Langley Wine Co.

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