

Professional Engineers
and Geoscientists of BC

VANCOUVER BRANCH

THE SEAL: Newsletter of the Vancouver Branch – Association of Professional Engineers and Geoscientists of BC

<http://apeg.bc.ca/van>

May 2010

E-FEST 2010!

Yuko Suda, Vice-Chair, EIT

The APEGBC Vancouver Branch's 14th annual E-Fest in Downtown Vancouver at the Vancouver Public Library was an incredible success this year again. Thousands of visitors passed through the exhibition, where there was a broad representation of industry representatives, engineering organizations, and student projects.

We had a variety of interactive displays for children and adults, including an earthquake shake table, a racing vehicle, a steel bridge, wood catapults, hydrogen fuel car toys, and a pet rock painting booth.

The Branch would like to send out a warm thank you to all the volunteers and organizations that went beyond the call of duty of their jobs to promote and enhance our profession. E-Fest has proven to be a great opportunity for people in our community to see first-hand how the many facets of engineering and geoscience affect our everyday lives. We could not have done it without the volunteer's fantastic support.

14th Annual E-Fest Attendants:

- APEGBC Vancouver Branch
- Vancouver Public Library
- Dayton and Knight
- CH2M Hill
- Engineers without borders
- Consulting Engineers of BC
- Odyssey Of The Mind
- Lets Talk Science
- City Of Vancouver Landfill, Transfer and Operation Branch
- Read Jones Christofferson Ltd
- Sandwell Engineering
- BC Wood WORKS!
- Formula UBC
- UBC Dawson Club
- UBC Earthquake Engineering Research Institute
- UBC Human Powered Submarine Team
- UBC Steel Bridge Design Team
- UBC Gearing Up!



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Upcoming Event

FAILING TO PLAN IS PLANNING TO FAIL

An Evening with YVR Executive Vice President Bob Cowan and APEGBC President Russ Kinghorn

25 MAY 2010

Join us for an informative evening with YVR Executive Vice President, Bob Cowan, P.Eng, FEC and APEGBC President, Russ Kinghorn, P.Eng to discuss strategic planning and how it can apply to your organization. The keynote speaker, Bob Cowan, will describe how the 18 year, 2.3 billion YVR expansion was planned and delivered with an emphasis on how these principles can be applied to any industry. In addition, Russ Kinghorn will speak and take your questions regarding current APEGBC affairs including an update on Council initiatives and the State of the Association.

Date/Time: Tuesday May 25th 2010, 5:30-9:00 pm (Dinner served at 6:30 pm)

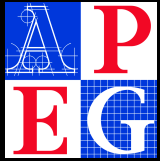
Location: Arbutus Club, 2001 Nanton Avenue Vancouver, BC

Cost: Members: \$70, Guests: \$75, MAPS: \$35

Credit: 2 hours PDH (Professional Developmental Hours)

APEGBC Vancouver Branch Curling Event

The APEGBC Vancouver Branch had a team building event where we went curling! Some of us were first timers and some of us were pretty good. But at the end of the day it was great fun! It was an excellent opportunity to learn as a team how to play one of the key sports at the 2010 Vancouver Olympics.



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Event Report: Breakfast Seminar *THE GLOBAL TRADEOFFS OF GLOBAL TRADING* Omar Ishkintana, EIT, Event Coordinator

Atop the 34th floor of the downtown Hyatt, Vancouver Branch members were in attendance to hear Dr. William Rees, a world renowned UBC professor and most known for the co-development of the ecological footprint analysis (EFA). Dr. Rees was elected to the Royal Society of Canada and has been awarded a prestigious Trudeau Foundation Fellowship. EFA is an internationally acclaimed tool, widely recognized as an effective tool to estimate humanity's ecological impact on the ecosphere. The talk addressed the increasing "entanglement of nations" resulting from globalization and trade. This entanglement is contributing to unsustainability, both by acceleration global ecological degradation and by increasing the risk of international conflict.

Tour Report: Technical Tour of CBC Transmitter Site on Mount Seymour Alain Bergeron, P.Eng, Tour Coordinator

In early April, members of the Vancouver branch took part in a very interesting tour of the CBC transmitter site on Mt. Seymour. From the base of the tower, our hosts explained the ins-and-outs of operating the remote site, which broadcasts the CBC programming all over the lower mainland.

The original transmitter site was built in 1953 but was expanded in 1977 following a fire in the building. The site's diesel backup generator, which survived the fire, is still in operation to this day. Our visit included the antenna gallery, the back up generator room, the transmission equipment room and the broadcasting antenna.

The services broadcasting from the site include english and french language television and FM radio programming. The latest addition is the digital transmitter for CBUT operating on UHF channel 16.

Our Q&A discussion covered many topics which included the migration from analog to digital, how maintenance is performed in the case of equipment failure and the coordination of the frequency plan with other Canadian and American broadcasters.



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Event Report: 2010 Cheeze Mixer

Madeleine Schaefer, MAPS, UBC Student Rep

Each year the UBC Engineering Undergraduate Society, Dawson Club, and the Vancouver Branch of APEGBC partner to host a mixer and information session for geology and engineering students to find out more about industry expectations, and the benefits of becoming a professional geologist and professional engineer. Mike Currie, President of Kerr Wood Leidal Associates, and Michael Blackman from Read Jones Christofferson Consulting Engineers, spoke on their experiences in the public and private sectors. After the question and answer period, the students, speakers, and executives of the Vancouver Branch mingled over dinner. The students greatly appreciated the opportunity to form personal connections with the Branch, and learn more about their futures as geologists and engineers.