



Professional Engineers
and Geoscientists of BC
www.apeg.bc.ca

Feb 2010

The 4th Dimension

Association of Professional Engineers and
Geoscientists of BC

Next Event - Thursday February 25th. Dinner starts at 6pm. Rathskeller Restaurant, 1205 Quadra Street, Victoria, BC V8V, (250) 386-9348, (Corner of Quadra and View). Speaker to be announced.

Menu - The menu is the Rathskeller Plate, served Family Style. The plate includes Wiener Schnitzel, Cordon Bleu, Jaegar Schnitzel (pork schnitzel topped with mushrooms, onions and bacon) and Bratwurst (our homemade German sausage). Also there will be potato pancakes, fried potatoes, and spaetzle (egg noodle), along with red cabbage and sauerkraut. Family Style means everyone will get an empty plate and all the food is brought out in bowls and platters to be passed around. Just like at home. Rye bread is served at the start, and coffee and tea is included.

Costs

\$30 = Register before February 19th

\$35 = Register after February 19th or at the door

\$15 = Students

Note: Sign up on the APEGBC web site. Seating is limited to the first 35 people to sign up. Beer is on tap at your own cost.

Credit: 1.0 Professional Development Hours (PDH)

Note: On-line registration through APEGBC (<http://www.apeg.bc.ca/> and go to Events)

If you have recently received your P.Eng., P.Geo, EIT or GIT and wish to receive your APEGBC certificate and complimentary dinner at this or upcoming events, please contact Magnus McElroy, Branch Chair at magnus@shaw.ca

Congratulations to those who received Certificates at the Burns Night Dinner



MARCEL PENNINGTON mp.mecheng@gmail.com

I started at Camosun College completing the Mechanical Engineering Technology program with co-op designation, then bridged over to UVic where. I recently completed a Bachelors of Mechanical Engineering with distinction. After graduation I embarked on a 4 week mountain bicycle tour, travelling along the Trans Canada Trail through BC and then dropping south into Montana along the Great Divide Mountain Bike Route. Through my work terms I have redesigned and assembled an

Ice-Coring drill for Icefield Instruments, Whitehorse. At the National Research Council in Victoria I designed a precision cooling system for a telescopic instrument. Finally at StarFish Medical I created a documentation package for a product which assesses the mechanical durability of a replacement heart valve. I have a strong interest in heat transfer and fluid dynamics, eg Solar. I have an aptitude for solid mechanics and mechanisms and am currently seeking employment as an EIT and look forward to this next step in my engineering career.

CURRAN CRAWFORD



Dr. Crawford completed his undergraduate degree in Mechanical Engineering at the University of Victoria in 2001. He then went to MIT in the US and received a masters degree in aerospace engineering in 2003, focusing on CAD-based MDO methods for wind turbine blade optimization. Commonwealth and NSERC scholarships then let him pursue his PhD at University of Cambridge in the UK working on refine of a coning rotor wind turbine concept. Upon graduating in 2007, he returned to UVic as an assistant professor, continuing his research in wind and tidal turbines and energy systems analysis in his

Sustainable Systems Design Lab alongside his teaching and EcoCAR team advising roles.

JEROME ETWAROO & NIRMALA

Jerome has been working in the Engineering field for the past 11 years. His experience in Toronto at companies such as Motorola, and his work as a junior engineer and project manager, lead him to pursue his Engineering degree through the Bridge program at Camosun College and the Engineering program at the University of Victoria. Jerome is currently a Technology Transfer Officer with the University of Victoria's Innovation and Development Corporation.



Other recipients were:

MAGGIE MAO

EDUARDO FAINBLUM

CANER BUDAKOGLU

BRADLEY BUCKHAM

Details of these recipients will be included in the next newsletter

21st January Burns Night Dinner Meeting at Travellers Inn

The Burns Night dinner at Travellers Inn was a great success and an evening enjoyed by all. Since our regular Haggis "addressee" Bob Williamson was not available, his shoes were admirably filled by Alec Provan, who with suitable props, thistles, straw, nuts and a skean dhu (knife), well cleaned on his sleeve, addressed the haggis with vim, vigour and praise. At our table it was summarily demolished despite some apprehension from first time eaters. Nae whimpering wusses at our table – all strong and healthy lads... well haggis-fed!

Simon Skey gave yet another fine presentation of things Scottish, titled "The Jacobites, murder and mayhem in Burns' Scotland". With customary enthusiasm for his subject, Simon managed to weave together engineering (the Lighthouse Stevensons), the arts (Kidnapped by R.L.Stevenson), history (The Jacobites and their attempts to restore the Jacobite lineage to the throne of England) and Burns poetry. The presentation was interspersed with appropriate extracts of Burns poetry, expertly read by Alec Provan.

On a light hearted note, I think the following story would be well appreciated by Burns and hopefully by all of you – especially the drainage engineers!

As a bagpiper, I play many gigs. Recently, I was asked by a funeral director to play at a graveside service for a homeless man. He had no family or friends, so the service was to be at a pauper's cemetery in the Ontario back-country. As I was not familiar with the backwoods, I got lost; and being a typical man, I didn't stop for directions. I finally arrived an hour late and saw the funeral guy had evidently gone and the hearse was nowhere in sight.

There were only the diggers and crew left and they were eating lunch. I felt badly and apologized to the men for being late. I went to the side of the grave and looked down and the vault lid was already in place. I didn't know what else to do, so I started to play. The workers put down their lunches and began to gather around. I played out my heart and soul for this man with no family and friends. I played like I've never played before for this homeless man. And as I played 'Amazing Grace,' the workers began to weep. They wept, I wept, we all wept together. When I finished, I packed up my bagpipes and started for my car. Though my head hung low, my heart was full.

As I was opening the door to my car, I heard one of the workers say, "I never seen nothin' like that before, and I've been putting in septic tanks for over twenty years."

Upcoming Log Book Seminar on February 8th. Location TBA based on registrants.

This seminar is upcoming. The details can be found at <http://www.apeg.bc.ca/services/branches/vic.html>

The 2010 Vancouver Island Regional Math Competition. Fun, Medals, Trophies, Snacks, Challenges, Travel. <http://www.apeg.bc.ca/mathchallengers/>

The 2010 Math Challenge enrollment is up 100% over last year. The challenge is open to all Grade 8 and 9 students from School Districts 61 Greater Victoria, 63 Saanich and 79 Cowichan Valley.

MC 2010 incorporates the following four stages: Bull's-eye, Blitz, Co-op, and Face-off. The first two stages are written math tests. The Co-op promotes team work and the Face-off is a one-on-one competition similar to the TV show Jeopardy. This year, we are planning to send the winning team(s) to the provincials.

MC 2010 will commence with registration at the Wilna Thomas Building on the Camosun College Landsdowne Campus at 13:00 hours on Friday, February 12, 2010 the opening day

of the 2010 Winter Olympic and Paralympic Games. The Challenge will end at 17:00. Refreshments (pizza!) will be available around 15:15.

Contact: Registrar: Emek Benny emekbenny@gmail.com

Next Executive Meeting

To be announced

Trades and Technology Career Fair; Camosun College - Feb 4, 2010 10:00 to 14:00

Plan to attend the Career Fair at Camosun College Interurban Campus, happening in the Technologies Centre (the building up on the hill, North end). Several employers are staffing information booths, including Viking Air, IBEW Local 230, AbeBooks, ViaTec, BC Construction Association, BC Transit, DND MARPAC, Engineered Air, and EDS Advanced Solutions. Four key presentations will be give information about careers in technology and the opportunities at local businesses for future employees. This event regularly enjoys high participation rates and student attendance; those students will have their résumés ready for your perusal!

11:30 Technologists at the DND. Richard Summers, P.Eng., Strategic Futures Manager | Directeur des stratégies futures, Fleet Maintenance Facility CAPE BRETON, National Defence.

12:00 Technologists at the District of Saanich – and some information about the 5-way intersection plans at Interurban, Wilkinson and Hastings. Paul Butterfield, BSc, ASCT Engineering Technologist, Traffic Division, District of Saanich

12:30 Technologists at the BC Cancer Agency. Brad Nelson, PhD, Director and Sr. Scientist, Deeley Research Centre, BC Cancer Agency

13:00 Open Source your Future – Entrepreneurship and Careers on the Interwebs. Clayton Stark. VP Engineering, Flock.com

For more information visit <http://camosun.ca/services/ses/career-fairs.html>

Career Listings

The **Career Listings** email is sent weekly and is a service of APEGBC. To receive the career listing email messages, log in to the APEGBC Member Portal and update your e-mail subscriptions.

A Call for Volunteers

If you are interested in joining the Branch Executive or know of potential candidates please forward these names to the Branch Chair Magnus McElroy or contact any member

Upcoming Events**APEGBC, Victoria Branch**

Victoria Branch Dinner Meetings are generally held the third Thursday night of every month from September to May excluding December. Everyone is welcome to attend the Branch Executive meetings held every month. Please plan to come out, have fun, learn something, meet someone and support your profession!

Vancouver Island Chapter of APEGBC

The VI chapter would like to invite any of the Victoria chapter members to its monthly meetings.

APEGBC

APEGBC puts on a number of seminars and courses throughout the year. Although most of these are on the mainland there are a few on the island. The following is a list of those planned for the island in the next month or two. For a complete list and details please go to the APEGBC website at www.apeg.bc.ca

Canadian Geotechnical Society (CGS)

Meetings are normally held the third Friday of each month from September to May, excluding December. For details, the website: is <http://www.cgs.ca/english/reg-div/vic-loc.html#news>.

Engineering Institute of Canada (EIC), Vancouver Island Branch

For information on the next meeting, please link to: <http://civil.camosun.bc.ca/vib-eic/>. Luncheon Meetings occur on the first Friday of the month (except July and August). For details, call Bruce Barnewall at 356-0762 or e-mail Bruce at bruce.barnewall@gov.bc.ca

The Vancouver Island Advanced Technology Centre (VIATEC)

VIATEC is the conduit that connects people, knowledge and resources to grow a successful technology sector on Vancouver Island. To learn more about VIATeC go to www.viatec.ca.

APEGBC Upcoming Professional Development Events in Victoria

Managing Project Costs – Thursday Mar 4th 2010

Time Management Workshop – Tuesday Mar 23rd 2010

For more information on all APEGBC Professional Development Events please visit: <http://www.apeg.bc.ca/prodev/events.html>

Advertisements

While APEGBC – Victoria Branch is not in a position to endorse advertisements, we do provide them as a service to our members. The advertising rates are \$200 for eight continuous advertisements and \$30 for a single advertisement.

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