October 2006

The 4th Dimension

Association of Professional Engineers and Geoscientists of BC
Victoria Branch Newsletter
www.apeg.bc.ca/vic

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

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APEGBC Victoria Branch
c/o Falcon Engineering Ltd.
626A Fisgard Street
Victoria, BC V8W 1RC
Email: vic@apeg.bc.ca
www.apeg.bc.ca/vic

The October dinner meeting will be held at 5:30 pm on **Thursday**, **October 26 2006** in the Queenswood Room at the Cadboro Commons Building, University of Victoria. See Event Details on Page 2.

The speaker for the October 26th dinner meeting is **Dr. Nigel Livingston**. The title of his presentation is "Making a difference for those with special needs".

Dr Nigel Livingston is the proud father of two daughters, the youngest of whom has special needs. Nigel is a professor in the Department of Biology at the University of Victoria and is the founding director of the University of Victoria Assistive Technology Team (UVATT). This interdisciplinary team is dedicated to improving the quality of life of those with disabilities by harnessing resources both at the university and in the wider community Since its inception in 1999, UVATT has taken on over 120 projects and served clients and their families across the province, the country and around the world. Over 1100 students and more than 200 community volunteers have been involved in its activities. Projects are wide ranging and include the development of communication systems for those with extremely severe disabilities based on the detection of brainwaves, the development of tricycles for visually impaired children, and the development of online learning modules for those with developmental disabilities. UVATT has received numerous awards for its work, including the inaugural Lieutenant Governor's Award for Innovative Technology.

UVATT has developed a lateral (side to side) rocking horse for the Queen Alexandra Centre for Children's Health. This is used to provide a means of teaching physically handicapped and developmentally delayed children to develop their sense of balance. Often children with disabilities have difficulty developing their motor skills and balance; one area for concern is abdominal/trunk muscle development and balancing reactions. No other side-to-side moving toys appear to be available that adequately develop these strengths.

Events Details

When: **Thursday, October 26, 2006:** Social at 5:30 pm; Dinner 6:00 to 7:00 pm; Presentations 7:00 pm.

Where: **Queenswood Room,** Cadboro Commons Building, University of Victoria
For directions and maps to the University of Victoria, link to http://www.uvic.ca/maps/index.html.
To find out where Cadboro Commons Building is on campus, link to http://www.uvic.ca/buildings/ucl.html.
Parking is free of charge after 6:00 pm Monday through Friday and all day on Saturday.
Parking permits may be purchased during the day from vending machines located at most Campus Entrances; also there is a limited number of metered spaces available in Lot 1, which is located close to the building.

Cost: **Cost (dinner included except where noted):** Registered members and guests $20.00 ea.; Students $10.00 ea.; **Late registration**: $25.00 ea.; Admission at the Door: $30.00 ea.; Presentation-only No Charge (dinner not included).

RSVP: Please register in advance via the telephone answering service at **721-8896** by **NOON Friday, October 20.** Provide the name of those who you are registering and your telephone number. Registration after **NOON Friday, October 20** but prior to **NOON, Monday, October 23** will be considered **Late registration**. If you register but can not attend, please call **477-0151** by **NOON** the day before the meeting and give notice of cancellation on the answering service (please note that the branch may have to pay for dinners that are not cancelled).
You can also register on the web: Visit http://www.me.uvic.ca/APEG.htm and register by **NOON Friday, October 20.** To complete the registration, please provide your name and phone number. **Late registration** cost of $25.00 ea. applies after **NOON Friday, October 20** and prior to **NOON, Monday, October 23**. Friends, Associates and partners are always welcome (pre-registration is recommended). If you cannot join us for dinner, please come and join us for the presentation.

Upcoming Events

APEGBC, Victoria Branch
Victoria Branch dinner meetings are held the last Thursday night of every month from September to May excluding December. Meetings are usually held in the Cadboro Commons Building, University of Victoria and start at 5:30 p.m.

Everyone is welcome to attend the Branch Executive meetings held every month at the restaurant of the Cedar Hill Golf Course. The next meeting is scheduled for Wednesday November 1, 2006.

Professional Development
APEGBC offers a wide range of ongoing professional development courses and seminars. Check the APEGBC web site for details: http://www.apeg.bc.ca/prodev.html

Events
• Oct 12-14. APEGBC Annual Conference &AGM, Victoria Conference Centre, Victoria.
• Oct 19 Engineers' Wives Association Programme**.** *Information*: Marg Halvorson 598-9537.
• Oct 25-27 Canadian Water Resources Association BC Branch Conference. *Information*: pmorgan@golder.com, sean@Aquatiinformatics.com, ed@Aquaticinformatics.com.
• Nov 5-10 ASME International Mechanical Engineering Conference. *Information*: www.asmconferences.org/congress06.

APEGBC Annual Conference & AGM

APEGBC Annual Conference & AGM, Victoria Conference Centre, Victoria, October 12-14. For details: See *Innovation*, Journal of the Association of Professional Engineers and Geoscientists of BC, May/June 2006. The conference includes two days of professional development with numerous technical sessions complemented by streams on business and personal development skills. For details and registration go to http://www.apeg.bc.ca/ac2006/main.html

The Engineers' Wives' Association of Victoria

The Engineers' Wives' Association of Victoria is a social club organized to foster friendship and to co-operate with the Engineering Institute of Canada and the Association of Professional Engineers of BC. It is a friendly, active group whose members meet to play bridge, hike, explore the city, enjoy arts and crafts, and dine well. For information, call Marg Halvorson @ 598-9537.

APEGBC Nominating Committee

Colin Smith has agreed to represent our Branch on the APEGBC Nominating Committee. Colin is not a current member of our Executive and his job may result in him having some difficulty in attending meetings. He will however attend as he can and otherwise communicate with email. Thank you Colin for taking on this task for the Branch.

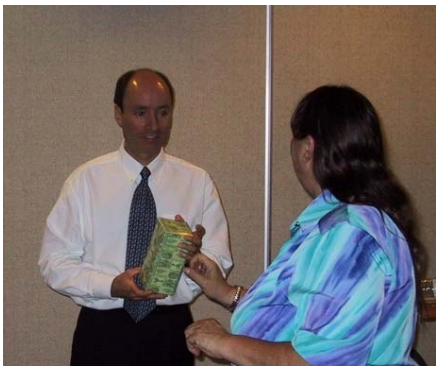
September's Dinner Meeting

The September dinner meeting on Thursday 28th at the Queenswood Room in the Cadboro Building of UVic was very successful and enjoyed by all who attended. In addition to the evening's speakers an important presentation was made to Ms. Ruchi McArthur for her outstanding effort in mentoring and encouraging students to participate in the 2006 Vancouver Island Science Fair. In addition, the Branch has donated $250 to Colwood Elementary School to encourage student participation in the 2007 Vancouver Island Science Fair. Ms McArthur has now moved from Colwood Elementary to the Journey Middle School, Sooke and we wish her all the best in her new school and look forward to more of her outstanding students at the 2007 Vancouver Island Science Fair.

Ruchi McArthur receiving her award from Andy Jani

The first presentation of the evening was by Bob Sochowski, CRD, introduced by Stewart Irwin both of the CRD Water. Bob made us all aware of the importance of keeping our potable water sources free of contaminants and drawing our attention to the new Cross Connection Control CRD bylaw (http://www.crd.bc.ca/water/crossconnection/news.htm). Anyone with questions can call CRD directly and speak with either Bob or Stewart or go to the website.

Bob receiving a "thank you" from Sharlie Huffman



The second presentation was by Stephen Salter of Farallon Consultants Limited and addressed both the need and the options for sewage treatment in the CRD. In the first part of his talk Stephen talked about why Victoria now has to move towards a plan for treating its sewage. In the second part of his talk he generated a lot of interest and discussion concerning sewage treatment options and how in the "green" reality of today, sewage can be viewed as resource from which energy in its various forms can be extracted rather than a problem that requires expensive treatment. Stephen explained that in Victoria we have an opportunity to benefit from new waste treatment technologies rather than be forced into the real expense and difficult decisions of site location that are typical with traditional methods of sewage treatment.

Reader's Corner

We are adding a Reader's Corner to our newsletter. The intent is to foster a forum whereby members of the Victoria Branch may submit articles of interest to our readers, to provide feedback to events, and potentially to add substance to the newsletter. Submissions (limited to 250 words per article) should be sent to the editor: H. Kwok, Email: hlkwok@ece.uvic.ca. The published articles will be unedited and reflect solely the opinions of the author(s). The newsletter holds no responsibility for the accuracy of such articles but will make effort to ensure the article contains no fraudulent information. Furthermore, the editor and the Executive Committee retain the exclusive right not to publish any article deemed unsuitable for publication in our newsletter (such articles will be returned to the respective author(s)).

9th International Workshop on Wave Hindcasting and Forecasting

This last week Environment Canada sponsored the above workshop at the Ocean Pointe Inn, Victoria. It was well attended and attracted researchers from all over the world. Although it is a specialty subject there were papers given on the JCOMM((Joint WMO-IOC Technical Commission for Oceanography and Marine Meteorology) Wave Program, Extreme Storm Seas, Wave Climate Trend and Variability, Wave Modeling and Nearshore and Coastal Waves. A paper was presented by Jim Stronach of Hay and Company, Vancouver, BC on the Wave and Current Forecast System for the mouth of the Fraser River.

If anyone would like to learn more about this workshop or the work of JCOMM please contact Simon Skey at sskey@sea-image.com

Have Your Say!

Do you like our format? Do you have concerns or comments you like to voice? We love to hear from you and welcome any contributions to this newsletter, humorous or otherwise. The deadline for submissions to the next newsletter is October 20, 2006. Please send them to Harry Kwok, University of Victoria at hlkwok@ece.uvic.ca.

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.

Victoria Branch Executives

Chair
Andy Jani 953-3756
Andy.Jani@gov.bc.ca
Past Chair
Sharlie Huffman 356-0761
Sharlie.Huffman@gov.bc.ca
Vice Chair
(Vacant)
Treasurer & U.Vic
Michael Miller 721-8611
mmiler@cs.uvic.ca
Secretary
Martin Gordon 952-5640 ext.104
Marty.Gordon@opusinternational.ca
Speakers
Magnus McElroy 386-3833
Magnus@shaw.ca
Poman So (alternate) 472-4224
Poman.So@ECE.UVic.Ca
Talbot Fund
Tom McLean 475-3698
mc.vic@moneyconcepts.ca
Events Coordinator
Duane Marriner 370-9302
duane@wakefieldacoustics.com
Newsletter/Photos
Harry Kwok 721-8685
hlkwok@ece.uvic.ca
Simon Skey (alternate)
sskey@sea-image.com
Catherine Gamroth (alternate)
Cee.mac@gmail.com
Certificates & Life Members
Chris Wright 370-9171
cwright@chatwinengineering.com
UVIC Liaison
Jasen Heinrich
Essb-vpx@engr.uvic.ca
Camosun Liaison & Spaghetti Bridge
Ross Gibbs 370-4504
gibbs@camosun.bc.ca
MathCounts
Jan Buermans 656-0177 ext.125
janbuermans@shaw.ca
Science Fair & Special Awards
David Bevan
dmbevan@ii.ca 477-5764
Alternate:
Joshua Hayes 480-1132
Joshua hayes@telus.net
Member-at-large
Gordon Porrit 477-3046
gporritt@telus.net
Jacek Piotrowski 656-4031
jpuiotrowski@shaw.ca
James West 658-8114
Jim.West@trow.com
Mike Gladman 385-9738
mikeg@unitedengineering.ca
Bonnie Ralph 208-3586
baralph@uvic.ca
David Gregson
dgregson@ieee.org

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