



Professional Engineers
and Geoscientists of BC
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APEGBC Victoria Branch
c/o Mr. Andy Jani
4088 Larchwood Drive,
Victoria, BC V8N 6H7
Email: vic@apeg.bc.ca
www.apeg.bc.ca/vic

The 4th Dimension

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

The **March dinner meeting** will be held at 5:30 pm on Thursday, March 29, 2007 in **ECS660**, Engineering and Computer Science Building, University of Victoria. Our speakers are **Dr Afzal Suleman**, Associate Dean of Research at the University of Victoria and **Mr. Jenner Richards**, Co-founder and acting President of the UVic AERO Group. Our chief guest will be Honourable Ida Chong, Minister of Community Services and Minister Responsible for Seniors' and Women's Issues and we also have immediate family members of Richard Talbot. The speaker presentations will be followed by the Fifth Annual Richard Talbot Award and an optional tour to view student design from the Faculty of Engineering.

Dr Afzal Suleman is also involved in other roles including acting as a National Delegate of the NATO-RTA Applied Vehicle Technology Panel and the United Nations' Committee on Peaceful Uses of Outer Space. He is Faculty advisor to the UVic AERO Group which is presently headed by Jenner Richards, an undergraduate student. Our other speaker, **Mr. Jenner Richard** is the Co-founder and acting President of the UVic AERO Group. The AERO group was founded in January of last year with the intent of addressing the growing interest in aeronautics and aerospace at the university. The goal of the group is to promote interest in the fields of aerospace and engineering in general through attending competitions, starting student chapters of CASI/AIAA as well as attending various school and community events. The team has accomplished a great deal in a short time; from building an impressive infrastructure that includes a 4' x 6' CNC Router and some of the world's top software packages to raising over \$55,000 in cash and in kind contributions. On March 23, the team will be undertaking their first major challenge by taking part in the Society for Automotive Engineers' Aero Design West Competition where universities compete against one another with the goal of building an aircraft capable of carrying the most payload! The AERO team looks forward to sharing their results in the competition and how they got this exciting project off the ground!

Event Details

When: **Thursday, March 29, 2007:** Social at 5:30 pm; Dinner at 6:30 pm.

Where: **ECS660, Engineering and Computer Science 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 Engineering and Computer Science 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 \$25.00 ea.; Students \$10.00 ea.; **Late registration (or At the Door):** \$30.00 ea.; Presentation-only \$5.00 ea. (dinner not included).

RSVP: Please register in advance via the telephone answering service at **721-8896** by **NOON Monday, March 26**. **You can also register on the web:** Visit <http://www.me.uvic.ca/APEG.htm> and register by **NOON Monday, March 26**. Provide the names of those who you are registering and your telephone number. Registration after **NOON, Monday, March 26** will be considered **Late Registration**. **Late Registration** cost of \$30.00 ea. applies after **NOON Monday, March 26**. If you have registered but **can not attend**, please call **477-0151** by **NOON** the day before the meeting (**March 28th**) and give notice of cancellation on the answering service (please note that the Branch has to pay for dinners that are not cancelled and **you will be asked to reimburse this cost**). 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.

University of Victoria Aeronautical Engineering and Research Organization (UVic AERO)

Every year the Society of Automotive Engineers (SAE) hosts several engineering Competitions open to North American universities. One of these is the AERO Design Competition which challenges teams to design and construct an aircraft capable of carrying the highest possible payload fraction while working within a set of given design constraints. The newly formed UVic AERO team is competing for the first time at the end of March this year and will be employing several advanced design and fabrication techniques. Some examples include aerodynamic optimization and advanced CAD/CAM construction methods.

The Fifth Annual Richard Talbot Award



Richard (Dick) Talbot believed strongly in the professionalism of Engineering, and was a strong supporter of the Victoria chapters of the EIC and the CSCE. He was also a mentor to many of our present members.

In 1995, the APEGBC planned to present him with the Professional Service Award, in recognition of his lifetime dedication to our association and other technical and community societies. Sadly, Dick died of cancer at the relatively young age of 64 that summer, just prior to the awards ceremony. The award was presented posthumously to his wife, Christine.

The Talbot Award 2007

To honor Dick's contribution, the Victoria Branch mandated a yearly award to a University of Victoria Engineering student. We are pleased to announce that due to your support and portfolio growth, we will present 2 awards this year for the first time.

The prior winners are:

2006	Jason Wei	4 th year	Computer Engineering
2005	Robert Prinz	4 th year	Electrical Engineering
2004	Magnus Charles McElroy	4 th year	Electrical Engineering
2003	Thomas Owen	4 th year	Mechanical Engineering

Financial Management of the Fund:

During 2005, Talbot Fund capital became actively managed, as mandated by the APEGBC – Victoria branch executive. Investment management is a long-term sustainable, pension-style:

- Risk-adjusted returns, in rising markets
- Capital preservation, in declining markets
- Appropriate asset allocation, to achieve these objectives, Canada and world-wide
- Minimized, optimal tax implications

The funds are managed by Tom McLean P.Eng. CFP, Talbot Fund Manager.

A Visit to the Observatory in April

When: **Wednesday, April 25, 2007** (Note this presentation is on a Wednesday!).

Time: To be determined.

Where: The Dominion Astrophysical Observatory, 5071 West Saanich Rd.

How Much: \$15 per head plus about \$15 for food.

This will be an amazing event. The observatory is a wonderful place to visit. First fascinating speakers, the planetarium, then with the dark we will check in with Saturn, Venus and whatever is up in orbit. If you have not registered yet, please email your attendance to Sharlie at Sharlie.Huffman@gov.bc.ca or call her at 356-0761 immediately since there is a maximum registration of 50.

Spaghetti Bridge Competition at Camosun College

The Civil Engineering Department at Camosun College is pleased to present the Fourteenth Annual Spaghetti Bridge Competition. This year's event will take place during Camosun College's Open House on Thursday, April 26th, 2007. The competition is open to all.

For details, please check the web site at http://civil.camosun.bc.ca/spaghetti_bridge or contact Peter Burrage at 370-4443.

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. The next dinner meeting is at **ECS660, Engineering and Science Building, University of Victoria.**

Everyone is welcome to attend the Branch Executive meetings held every month at the Cedar Hill Recreation Centre/Cedar Hill Squash Club. The next meeting is scheduled for **Wednesday, April 4** at the Cedar Hill Recreation Centre.

Our Annual General Meeting is slated for **May 31, 2006**. If you are interested in joining the Branch Executive or know of potential candidates please forward these names to the Branch Chair Andy Jani (250) 953 3756.

Corporate Dinner Sponsors

APEG Victoria Branch is looking for corporate sponsors for our monthly dinner meetings. These dinner meetings are well attended and provide an excellent forum to display and promote your company and services that you provide. In addition, dinner sponsor information will also be included in our monthly newsletters which are distributed to over 1,300 Victoria Branch members and other organizations. Please contact Duane Marriner, Events Coordinator, at 370-9302 or Andy Jani, Chair, at 953-3756 for further information.

APEGBC Technical Seminars

Upcoming Technical Seminars

- **Technical Writing: Solutions for Effective Written Communication**
March 16, 2007 - Vancouver, BC [More/Register>>>](#)
- **The Seismic Upgrade of GVRD Water Reservoirs and Pump Stations**
March 27, 2007 - Vancouver, BC [More/Register>>>](#)
- **Current Status of S16-01 and Probable Areas for Future Change**
March 29, 2007 - Richmond, BC [More/Register>>>](#)
- **NEW Current Practice in Acid Rock Drainage Prediction**
April 4, 2007 - Kelowna, BC [More/Register>>>](#)
- **NEW Fatigue and Fatigue Failure**
April 12, 2007 - Vancouver, BC [More/Register>>>](#)
- **NEW CSA Standards A23.1 and A23.2 for Concrete**
April 19, 2007 - Prince George, BC [More/Register>>>](#)
- **NEW Emerging Technologies in Mine Waste Management**
April 20, 2007 - Vancouver, BC [More/Register>>>](#)
- **NEW Terrain Maps: Understanding and Applying**
April 24, 2007 - Vancouver, BC [More/Register>>>](#)

[For more information on all APEGBC Professional Development Seminars please visit:
www.apeg.bc.ca/prodev/prodevevents.html](http://www.apeg.bc.ca/prodev/prodevevents.html)

Have Your Say!

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 March 30, 2007. Please send them to Harry Kwok, University of Victoria at hkwok@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	
Jim West	658-8114
Jim.West@trow.com	
Treasurer & U.Vic	
Michael Miller	721-8611
mmiller@cs.uvic.ca	
Secretary	
Gordon Porritt	477-3046
gporritt@telus.net	
Poman So	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
hkwok@ece.uvic.ca	
Simon Skey (alternate)	412-2382
sskey@shaw.ca	
Catherine Gamroth (alternate)	
Cee.mac@gmail.com	
Gold Foils & Life Members	
Chris Wright	370-9171
cwright@chatwinengineering.com	
Certificates	
Mike Gladman	385-9738
mike@unitedengineering.ca	
UVIC Liaison	
Jason Heinrich	
Essb-vpx@enr.uvic.ca	
Camosun Liaison	
Peter Fell	370-4506
FellP@camosun.bc.ca	
Spaghetti Bridge	
Peter Burrage	370-4443
Burrage@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	
Jacek Piotrowski	656-4031
jpiotrowski@shaw.ca	
Bonnie Ralph	818-7425
baralph@uvic.ca	
David Gregson	
dgregson@ieee.org	
Magnus McElroy	386-3833
Magnus@shaw.ca	

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Tom McLean PEng CFP **475-3698**
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