

CSSE Newsletter



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President's Message

You will note that this edition of the Newsletter has a supplement which is titled *CSSE - An Action Proposal*. As underlined in my message in the last edition (October 2013), we kept on with the various steps toward making known to all our members what we see as a way to increase the impact of CSSE and in advancing the role and reputation of engineering in Canada. You will also notice that it is intended to achieve a wider consultation next to our Members in the preparation of subjects.

Again, I have to repeat that many of our members are excellent in the preparation of papers and communications in their domain(s) of interest; and we will always encourage individual efforts in specialized fields. However, considering the expertise available within our CSSE, the present proposal is intended to make use of what the engineering profession can bring to Canada, using the wide variety of what is available within our ranks.

The Action Proposal has been drafted by a Special Purpose Committee and the initial approval steps next to the two Vice Presidents and the Advocacy Committee have been completed.

You will have to note that, once your reactions to this *Proposal* are made available and assuming that there will be support to it by a large majority, the Advocacy Committee will then have to come up with suggested topics and establish the Rules of Procedures (see the second bullet of item 3 of the Suggested Action Plan. Your suggestions and proposals as to potential topics of interest will be most welcome.

Please note that it is mentioned that your reactions are expected before December 15, 2013; this was based on an issue to you earlier than as per the present schedule and, of course, we want to proceed without much delay but we will surely accept all reactions made available before the end of year.

It is hoped that this *Action Proposal* will be met with enthusiasm.

On a totally different matter, on Friday December 6, a delegation from the CSSE went to the Canadian Space Agency in Longueuil, Quebec, to present to the Director of the Astronauts Dr Jean-Marc Comtois copies, that is a copy for each Astronaut, of the Citation presented by Colin Smith to the Acting Vice-president of the CSA Gilles Leclerc last May in Quebec City. The group then enjoyed a very interesting visit. A picture of this presentation is shown elsewhere in this edition.

On behalf of our Board I now wish you and yours a Very Merry Christmas and a Very Happy and Successful 2014.



Jean-Guy René

The CSSE Website

The CSSE web pages (<http://seniorengineers.ca/csse/>) continue to grow, but additional photo images for the splash page are always welcome. Please send any to Andy Jones at andyjones@explornet.com.

Members in the News



Inadvertently omitted from the June edition were the facts that **Eric Manning** of Victoria was awarded a CSSE fellowship at the 2013 Awards Dinner in Quebec City in May, and Eric and his wife Eileen were in attendance. The editor apologizes to Eric and Eileen.

Appearing in the December issue of the CNS Bulletin is another of **Jerry Cuttler's** papers regarding the health benefits of low dose nuclear radiation (supported by data from Hiroshima and Nagasaki). See <https://db.tt/GxmTAsv7>.

As of November 25, 2013, **Marie Lemay** is now President of the Economic Development Agency of Canada for the Regions of Quebec.

Also recognized with the inaugural Geoscientists Canada Fellowships, FGC(Hon.)'s, at ceremonies this Fall in Calgary and Edmonton, were CSSE's **Jim Beckett, Nick Malychuk, Don Peterson, Paul Preville** and **Jim Smith**.

Jim McFarlane of Port Coquitlam, B.C., President of International Submarine Engineering, Ltd., who has been named "The 2013 David Packard Distinguished Lecturer", presented his paper, "Genesis and Metamorphosis of Underwater Work Capability", to the Monterey Bay Aquarium Research Institute in Moss Landing, California on November 6.

Drew Wilson of Ottawa has accepted an appointment to the new ASME Committee on Engineering and Public Policy for the next two years.

Guy Van Uytven of Victoria was the consulting electrical engineer on The Cape Scott Wind Farm on the remote tip of Vancouver Island which just received the "Project of the Year" award from Clean Energy BC.

Eric Newell of Edmonton has been appointed to chair a Canadian Council of Academies (CCA) Panel looking into possible/promising new technologies for Canada's Oil Sands.

At Dalhousie University Dean of Engineering's Christmas Reception on December 4, **Ron Gilkie** of Halifax was cited as Engineering Alumnus of the year.

On December 6, CSSE President **Jean-Guy René** and CSSE Director **Tom Madanda** presented the CSSE's astronauts citation at the Canadian Space Agency. Shown in the photo are (left to right) **Gilles Leclerc** and **Jean-Louis Comtois, Tom Madanda** and **Jean-Guy René**.



Call for Papers, Etc.

The Canada Green Building Council has just recently opened their "Call for Papers, Posters, and Award Nominations" for the conference & exposition that is coming to Toronto in June 2014. See http://www.cagbc.org/AM/Template.cfm?Section=National_Events.

In Memoriam

- **George Baker** (Kentville, N.S.)
- **Earle Klohn** (Surrey, B.C.)

From Sea to Sea to Sea ...

NEWFOUNDLAND AND LABRADOR (Contact: **John Evans**, 13jgevans@gmail.com)

MARITIMES (Contact: **Ron Gilkie**, barkergilkie@ns.sympatico.ca)

QUEBEC (Contact: **Frank Corbett**, corbf@videotron.ca)

Montreal (Contact: **Tom Madanda**, TMadanda@bell.net)

ONTARIO (Contact: **Jon Jennekens**, jonorah@rogers.com)

The Greater Ottawa Area (Contact: **Gerrie Kautz**, gwkautz@rogers.com)

November 19 **Kathryn Brown**, "Scouts Canada Educational Programs".

January 21 **Herb Saravanamutto**, of Carleton University, "After the Arrow, Lessons Learned".

February 18 **Moose Morin**, "Explosive Engineering".

March 18 **Bogdan Cobanu**, of NRC, "NRC Industrial Research Assistance Program".

The Greater Toronto Area (Contact: **Jerry Cuttler**, jerrycuttler@rogers.com)

From Sea to Sea to Sea ... (continued)

MANITOBA (Contact: Ron Britton, britton@cc.umanitoba.ca)

November 29 Grant Koropatnick, Executive Director and Registrar, APEGM, spoke regarding the new advocacy APEGM by-law.

December 18 (1430) An afternoon tour of the University of Manitoba's Faculty of Engineering High Voltage Laboratory.

Luncheon meetings, in the Joan McKinley Room at the APEGM offices, are planned for the last Tuesday of **January, February, March and April**.

SASKATCHEWAN (Contact: Pieter Van Vliet, p.vanvliet@sasktel.net)

ALBERTA (Contact: Andy Jones, andyjones@explornet.com)

Calgary (Contact: Tony Howard, tonyhoward@shaw.ca)

The Calgary chapter meets 9 times a year at the Danish Canadian Club on the 2nd Monday of each month with the exception of January, July and August. Meetings are from 11:30 a.m. to 1:00 p.m.

Edmonton (Contact: Nick Malychuk, nmaly@telus.net)

The Edmonton chapter usually meets on the 3rd Thursday of the month, at the Best Western Cedar Park Inn, 5116 Gateway Boulevard, at **11:30 a.m.**, with a buffet lunch at 12:00, followed by a speaker, when a speaker is available.

January 16 **Murray Gray**, Department of Chemical and Materials Engineering, University of Alberta, "Alberta's Oilsands: New Technology and the Social License to Operate".

Date TBA **Eric Newell**, Chairman of the Climate Change and Emissions Management Corporation Board (CCEMC), "Funding Clean Technology Development".

BRITISH COLUMBIA (Contact: Ken Putt, kwputt@shaw.ca)

Vancouver (Contact: Gordon Lindsay, cgordon_lindsay@telus.net)

The Vancouver chapter normally meets on the 1st Thursday of each month at the Sutton Place Hotel, Burrard Street.

December 5 **Gordon Lindsay** presented the CSSE's donation to "TRIUMF" for their work on the NALTA-VICTA project to encourage high school students to become engineers. Don Furseth, Chief Operating Officer, CRM GEO Tomography Technologies, Inc., spoke regarding "Particle Physics Meets Mining: Harnessing Cosmic Ray Muons for Mineral Exploration".

Vancouver Island (Contact: Gerry Buydens, gbuydens@shaw.ca)

The Vancouver Island chapter gathers for lunch at 11:30 a.m. on the 1st Friday at The Oak Bay Recreation Centre, Victoria.

December 6 **David Black**, Proponent, Kitimat Clean Refinery Project, "Proposed \$26 Billion heavy oil refinery to process Alberta oil sands bitumen prior to marine shipments to international markets".

January 11 **Brian Arsenaault**, "Cape Scott Wind Farm Construction and Commissioning".

Why Not Book Now?

Special accommodation rates are available at The Union Club of British Columbia for attendees of the May 3, 2014, AGM, in Victoria. CSSE members and their guests who are attending the event will have the following reduced rates made available for overnight accommodation, single night stay: queen room, \$99; twin or king room, \$129; queen or king suite \$199; harbour view suite, \$209. Single or double occupancy, includes a full breakfast. Taxes not included. This rate can be extended to additional nights.

To make your reservations, contact the front desk at 1-800-808-2218 (ext.0), or via email at reservations@unionclub.com, and ask for "the special CSSE rate".



Recruit a New Member!

If you have a friend who is not a CSSE member, simply tell the CSSE Administration Office about him/her.

Changed Your Coordinates?

If you have a new mailing (or emailing) address, please inform the CSSE Administration Office.

The CSSE Administration

All "snail-mail" correspondence, including cheques, and enquiries, should be sent to:

The Canadian Society for Senior Engineers
1717 Lakeshore Drive
Ottawa, Ontario K4P 1H1

Emails to:
info@seniorengineers.ca;
Faxes to: 613-821-0179; and/
or Phone calls: 613-821-5273.

Dues and donations also can now be paid securely by credit card by going to the "Members" page at the CSSE website:
www.seniorengineers.ca.

CSSE Charities - The VICTA Project

Pictured are **Ken Putt** and **Colin Smith** making CSSE presentation of \$1,000.00 cheque to **Dr. Lyle Robertson**, Prof. Emeritus, Director of VICTA Program (Centre), **Dr. Robert Kowalewski**, Head Physics & Astronomy (left of Ken), Colin and to his right, Dean of Science, **Dr. Rob Lipson**.

Our President has received the following letter from **Jamie Cassels**, QC President and Vice Chancellor of the University of Victoria:

"On behalf of the University of Victoria, I would like to acknowledge the generous support from the Canadian Society for Senior Engineers, for the Vancouver Island Time-Coincidence Array (VICTA) project. The sustained support of CSSE along with the dedicated leadership of Dr. Lyle Robertson and technical support from the Department of Physics and Astronomy, has enabled VICTA to acquire, develop and deploy the instrumentation and software needed to allow local high school physics students to detect cosmic rays and perform student-led experiments.

"UVic deeply values the engagement of secondary students in hands-on scientific research and applauds the vision of CSSE and its role as an enabling partner in this effort. Once again, many thanks for your support and interest."



The CSSE Archives

Our University of Ontario Institute of Technology ("UOIT") archivist **Brenda Jackson** will accept the professional papers of a CSSE member for our archives. Anyone wishing to take advantage of this opportunity should contact Brenda directly at brenda.jackson@uoit.ca or the CSSE Administration Office.

Speaking of archives, two of **Drew Wilson's** recent papers regarding engineering history can be accessed in the history section of the EIC website (www.eic-ici.ca) and downloaded from the list of Articles and Working Papers.

The CSSE is LinkedIn, Are You?



The Engineering Institute of Canada has taken the initiative to raise the profile of Engineering and as part of this initiative a LinkedIn group has been formed. This allows subscribers to join various discussion groups on topics relating to Engineering. CSSE has opened a sub group under the direction of Ken Putt. Members are urged to join, and have an even greater voice. To learn more, go to <http://www.linkedin.com/groups/Canadian-Society-Senior-Engineers-4844216/about>.

Whom Do You Know?

If you know any Canadian engineer or applied scientist who has demonstrated excellence in engineering (with over 20 years of engineering experience) and has rendered extraordinary service to the profession, to Canada or to the world community, please email **Jon Jennekens**, Chairman of CSSE's Honours and Awards Committee, at jonorah@rogers.com.

Editorial Corner

Letters to the Editor

From **John Evans** of St. John's and **Frank Corbett** of Pointe Claire, Que.: Well-known engineer **Tom Kierans** of St. John's, Nfld. has passed away at 100 years of age.

From **Ron Gilkie** of Halifax: Former CSSE member **James Seary** of Tantallon, N.S. has passed away.

Email your letters (100 words or less, please) to arnoldeyre@hotmail.com or mail or fax them to the CSSE Administration Office.