

CSSE Newsletter

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President's Message

Our Annual Board and AGM meeting will take place in just a month in Victoria. It is then in order for those intending to participate to make arrangements without further delay. Please read the invitation shown in this newsletter and proceed with your reservation accordingly.

The present newsletter is then my very last one as President of our CSSE and I have to say that it has been a pleasure to act in that function over the last year. It is also well in order to address my most sincere thanks to those with whom I have been associated over that period: our Administrator Gerrie, our Secretary Bill, our Treasurer Dick, our Editor Arnold who works very closely with Debbie and finally Andy to whom I had to resort on various subjects.

As Past President, I intend to remain available however and offer my services to the incoming President to follow up on the actions referred to in previous Newsletters, subsequent to the activities of a Special Purpose Committee which I integrated. This Committee suggested to the Advocacy Committee some topics on which to work for the benefit of our government, the country and its communities. The Advocacy Committee has seen that two of the suggestions are very suitable topics (and the Advocacy Committee could even suggest more). One is " *The aging of our vital infrastructure and the threat to public safety - an engineering responsibility*" and the other " *The erosion of Canada's manufacturing sector - what can engineers do about it?*". At this point in time, the Special Purpose Committee is asking recognized authorities in these two fields for their interest in contributing to the preparation of positions that would represent our CSSE membership viewpoints.

These positions will be developed along the lines of the "Action Proposal" presented in the December 2013 Newsletter. We still have to define more accurately the audiences to which our positions will be addressed and the timeframes for such. Of course, we wish a strong participation from our members and for those of you who will want to participate in the preparation of such positions, we will appreciate that you give an indication of such to president@seniorengineers.ca

Finally, a concern related to the well-being of our CSSE: the History and Archives Committee. In our February Newsletter, a note was made to that effect with a mention that we were looking for more members to help in promoting public awareness of the engineering history of Canada. Such a Committee is vital to a society such as ours. And we are looking for contributors but also for a chairman responsible for such Committee. Arnold Eyre has been filling in the role since it became vacant in 2012 but cannot keep as active as required, other duties calling on him. Interested members are asked to contact the CSSE Administrator Office.

"Au revoir", it will be a pleasure to be in touch and to work with you in a different capacity.



Jean-Guy René

Honours and Awards

Jon Jennekens, Chairman of the Honours and Awards Committee, reports that 10 engineers have been nominated for election in 2014 as fellows of our society, and one physicist has been nominated for election in 2014 as an Honourary Member. President Jean-Guy René has approved these nominations for submission to our AGM on May 3, 2014.

The fellowship nominees are: **Robin Black, Gerry Buydens, Wayne Clifton, Karl Doetsch, Richard Fletcher, Robert McDonald, William McRitchie, Graham Morgan, Karim Nasser and Thomas Tiedje.**

The Honourary Member nominee is **Lyle Robertson.**

CSSE Charities

A presentation to the VICTA program will be made at the May 3, 2014 Naden wardroom luncheon. As an adjunct to the VICTA program, Professor **Lyle Robinson** of UVIC is leading a "Masterclass" initiative for high school students interested in physics and/or engineering.

Invitation to the 2014 AGM, May 3rd, Why Not Book Now?

President-Elect **Colin Smith** invites members to attend CSSE's AGM. At its Gala dinner, CSSE will celebrate the 100th Anniversary of the RCN's Submarine Service with Rear Adm. **W.S. Truelove**, Captain (N) **James Clarke**, Director of the Canadian Submarine Forces and other dignitaries in attendance. Following a morning Board and AGM meetings, delegates and guests will travel by chartered coach to HMCS Esquimalt for lunch at Naden Wardroom, a tour of the new \$500 million Fleet Maintenance Facility, followed by a tour of HMCS Victoria submarine for a small group and a tour of recently-refitted Halifax class frigate HMCS Calgary for the balance of the group. The 2014 registration fee remains at \$85.00 (includes gala dinner). Sponsorships are actively being sought to defray other costs. The luncheon and tour cost will be up to \$35.00. Depending upon the sponsorship offset, refunds may be arranged or tax receipts provided if the difference is donated to the VIB Scholarship Society fund.

Special thanks to CSSE Members V.Adm. (Ret'd) **Nigel Brodeur** and R.Adm. (Ret'd) **Richard Greenwood** for assisting in the luncheon and afternoon tour of CFB/HMCS Dockyard.

Guests may also be interested in guided public tours of Government House and its acres of gardens that are being offered at 10:00 and 11:00 am, Saturday, May 3rd.

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". As interest warrants, a second room block may be established at an adjacent hotel. To assist the host committee with logistical planning, please indicate your potential interest in attending to colin.smith@gmail.com with a cc to kwputt@shaw.ca.

You are encouraged to provide **Ken Putt** with an early indication of your plan to attend, and whether or not a spouse or guest(s) are to accompany you. The Union Club Begbie Room can only accommodate 8 tables of 8 each = 64 or, if overflow demand, a maximum of 7 tables of 10 = 70.

Cheques for deposit to the account of our Victoria CSSE AGM should be made out to Vancouver Island Branch of Engineering Institute of Canada and mailed to: Ken Putt, 558 Wilderness Place, Sooke, B.C. V9Z 1C4. Ken can be informed of the number planning to attend, by emailing him at kwputt@shaw.ca.

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)

April 17 **Don Coulson** speaks at the RSLYC, at the luncheon.

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

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

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

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

- April 15 **Shawn Marshall**, "CANDRIVE—A Study of Older Drivers".
 May 20 **Drew Wilson**, "Engineering Disasters".
 June 17 **Mike Taylor**, "Wooden Ships and Iron Men to Iron Ships".

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

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

- February 25 **Sean McKay**, Executive Director, Composite Innovation Centre Manitoba, Inc., "The Technical and Commercial Challenges in Building a Biofibre Based Industry Sector in Manitoba". (10 members present)
 March 25 **Nusraat Massod**, Program Administrator, WISE Kid-Netic Energy, "Adopt-a-Class: Activating Potential in Winnipeg Inner-City Youth". (10 members present)
 April 28 **Lunch**, a presentation and tours of the facilities at the Orthopaedic Innovation Centre of the Concordia Hip and Knee Institute.
 May 26 **Dean Jonathan Beddoes**, an update on the situation in the Faculty of Engineering at the University of Manitoba.

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

ALBERTA (Contact: **Andy Jones**, andyjones@xplor.net)

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, if a speaker is available.

- March 12 **Moose (Rene) Morin**, President of Explotech Engineering, and an explosive expert.
 April 17 **Allan Offenberger**, Professor Emeritus, Department of Electrical and Computer Engineering, University of Alberta, "Fusion Energy -Status and Prospects".
 May 15 **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.

- April 3 **Mark Kirby**, Sacre-Davey Group, "Sugar to Glycol ("S2G") Report on pilot plant which came on-stream in November 2012.
 May 1 **Ben Arnold**, Director of Waste Management Sector for SLR Consultants.
CSSE Members and their guests who are on their way to the AGM in Victoria are invited to attend the May 1st luncheon at the Sutton Place Hotel. Flying to Vancouver is cheaper than flying to Victoria and you can hitch a ride in one of the three cars going to Victoria on May 2nd by BC Ferries, that will arrive there in time for their Victoria Branch CSSE Luncheon on that date and our AGM, next morning.

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.

- April 4 **Brian Knoke**, Deputy Project Director for the John Hart Generating Station Project, "John Hart Generating Station Upgrade Project".
 May 2 "The Enbridge Northern Gateway Pipeline". **CSSE Members and their guests attending the AGM in Victoria are invited to attend.**

Members in the News



- **Ken Putt** is now serving as a member of the Board of Directors of the Canadian Academy of Engineering.
- Founding president **Len Bateman** has been awarded the Julian C. Smith Medal for Development of Canada.
- **Chan Wirasinghe** of Calgary and **Bruce Peachey** of Edmonton have been recognized as Fellows of the EIC.

Calling All Engineering History Buffs!

The CSSE History and Archives Committee is looking for more members to help in promoting public awareness of the engineering history of Canada. Committee members are asked only to volunteer as much time as they conveniently can. Interested members are asked to contact the CSSE Administration Office, whose coordinates appear elsewhere in this newsletter.

Changed Your Coordinates?

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

Welcome, New/ Re-joining Members

- **Austin Douglas** (Ottawa, Ont.)
- **Pierre Gagnon** (St. Nazaire du Lac-St-Jean, Que.)
- **Frank Hlohovsky** (Ottawa, Ont.)
- **John Lowe** (Edmonton, Alta.)
- **Gerald Marsters** (Ottawa, Ont.)
- **Kim Sturgess** (Calgary, Alta.)

Has Your CV or Paper Been Archived?

University of Ontario Institute of Technology ("UOIT") archivist Brenda Jackson will accept the cv/resume/bio and professional papers of a CSSE member for the CSSE archives. Simply email same to brenda.jackson@uoit.ca, or mail same to University of Ontario Institute of Technology Library, Attention: Brenda Jackson, 2000 Simcoe St. North, Oshawa, ON, L1H 7K4.

In Memoriam

- **Leszek Missala** (Montreal, Que.)

Advocacy Committee Report - Andy Jones

The CSSE Advocacy Committee has been provided with 5 topics that could lead to position papers being developed by your society. Two suggestions submitted by **Drew Wilson**: (1) The Economic Impact of Engineering in Canada, and (2) The Historical Link Between Canadian Engineering and the Country's Development, are in need of a champion to lead the initial work. Three more suggestions from the President's Special Purpose Committee are having their titles refined. The Advocacy Committee will publish, on the CSSE website, more information on each accepted topic, along with which the proposers see as a target audience, as the information becomes available. The committee understands there are a couple more suggestions being prepared. Remember that the Advocacy Committee does not develop or write the paper. That is up to the membership.

The CSSE Website

The CSSE website continues to grow and improve. However it is only as successful as the information that is placed there. If you have a photo of a project you worked on and think it would be of interest to others send it to andyjones@explornet.com. The same with if you know of something a CSSE member has done that can be entered into "members spotlight". The site still needs a French language half and anyone who would be willing to help review and edit the copy the Webmaster has to date can contact andyjones@explornet.com.

Website: within the next few weeks another Jon Jennekens' paper on Canada's Nuclear Industry will be posted along with a couple of essays by Director and retired Professor Ron Britton. <http://seniorengineers.ca/csse/>

Recruit a New Member!

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

CSSE Correspondence

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.

Editorial Corner

Editorial

Another Titanic?

Canada, with its abundance of natural resources, is like a luxury cruise ship crossing the North Atlantic, lost in a fog, its passengers not knowing or caring where they are and to where they are going, yet debating how to get "there". Not even senior engineers seem to care.

Letters to the Editor

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