

CSSE Newsletter

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The President's Remarks

2015/2016 TO BE A YEAR OF UNPLANNED PRESIDENTS PRO TEMPORE

Summer greetings everyone; I trust that you have been, and look forward to, enjoying outdoor opportunities for personal and family relaxation and celebrations.

You may be surprised to be reading another column over my signature; if so, you will not be aware that 2015/16 President John Evans resigned suddenly for medical reasons. Vice President and President-Elect Ron Britton and I have agreed to act in his stead as Presidents Pro Tempore - myself through the board's semiannual teleconference board meeting in October followed by Ron through our 2016 Halifax AGM at which time he will become President for 2016/17.

We will do our best to continue leading CSSE/SCIS in the wake of John's infectious enthusiasm and Newfoundland charm and wish him an early return to good health. In doing so, we welcome John's indication that he will observe, advise and opine in his capacity of Immediate Past President.

As John notes below while CSSE/SCIS President, John co-signed a letter in July to Canada's Premiers with Clem Bowman (on behalf of the Canadian Academy of Engineering) urging them to expand Canada's national energy grid as a critical component of their recently published Canadian Energy Strategy. Subsequently, Clem is active on several fronts including, importantly, our advocacy initiatives. Member Clem Bowman, assisted by Richard Marceau; Walter Petryschuk, Guy van Uytven and Ken Putt have forwarded a follow-up letter to Ontario Premier Wynne seeking funding to match the \$450,000 pledged by some 30 companies to undertake a two year study of three initiatives jointly with the Canadian Academy of Engineering: value-added upgrading of bitumen; expansion of low greenhouse gas electrical generation, transmission and trade; and reenergizing manufacturing around the energy industry. This initiative is being coordinated through the Bowman Centre at Western's Sarnia-Lambton Research Park (www.bowmancentre.ca) and is set for a September 1 media launch.

Additionally, CSSE/SCIS' Advocacy Committee is completing final editing of a position paper written by Dan Meneley with input from Don Peterson and Douglas Lightfoot which calls upon the federal government to adopt a proactive approach towards disclaiming current public fears over nuclear energy and highlighting the benefits to society of harnessing this energy source.

Our various chapters have programs lined up for their September restart of their monthly meeting cycles - if you haven't been an attendee, please note the listing details elsewhere in this newsletter and participate.

In closing, CSSE/SCIS needs to expand its membership. I have challenged each Board

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Colin Smith

President's Remarks (continued) ...

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member to nominate one new member each month through my term ending in October. I encourage you to also nominate at least one member in that timeframe. It is easy to do - all that is required of you is to forward a name to Gerrie Kautz and we will pick up the ball on your behalf.

Finally, CSSE/SCIS is in need of a member/colleague to step up and assume the duties of Secretary as current stalwart Bill McRitchie will 'retire' at the 2016 AGM after serving for an extended term. He has all of our SOP's and other housekeeping matters up to date so much of the heavy lifting has likely been done for a few years. Please let Bill or myself know of your interest in this executive position.

In Memoriam

- **John Henderson** (St. John's, NF)

Past President's Remarks

Firstly let me extend my THANX and appreciation to Colin and Ron for "jumping in" to ensure CSSE/SCIS continued to carry-on smoothly in spite of my inability to properly manage it.

Additionally let me say how excited I am with the enthusiastic support I have received in moving my Agenda forward. Two months ago I feared presiding over the demise of CSSE/SCIS while today I am excited about our future and the role we can play in making Canada an even better place to live and grow.

Many things come to mind, however, I will only mention a couple. I think we have made substantial progress in working with the CAE and the Canadian Premiers in moving the national energy grid forward. Most of our Advocacy groups are moving forward, however, Jean-Guy's group has made an excellent start on a multifaceted review. Initially we hope to raise the level of awareness on our aging and failing infrastructure. As we move forward we will highlight what and how to address these issues.

As an organization we have gotten a focus and started our migration from an "Old Boys Club" to a group of experienced Canadians working to make Canada even better!!

Let's not drop the ball until it is in the 'End Zone'!!



John Evans

Members in the News

- CSSE members **Robin Black**, **Don Kjosness** and **Ken Putt** were evaluators for the University of Victoria capstone project course, Mech: 400, where UVic's **Afzal Suleman** funded two CSSE project awards for projects that were commercially ready to deploy: "Camera Stabilizer for UAV" and "Pico Trac 50 Crawler Module."

Advocacy Workshop Progress

The Ottawa and Montreal chapters' workshop has developed synopses of the following three advocacy topics, (the final length of each advocacy paper to be between 800 and 1200 words):

1. The aging of our vital infrastructure and the threat to public safety - an engineering responsibility (contact **Jean-Guy René**, at jg.rene@sympatico.ca, or 613-821-5273).

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Recruit a New Member!

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

From Sea to Sea to Sea ...

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

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

QUEBEC PROVINCE (Contact: **Jean-Guy René**, jg.rene@sympatico.ca)

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

The Montreal chapter meets two to three times a year, for luncheon at The Royal St. Lawrence Yacht Club, with a guest speaker. In addition, casual get-togethers for lunch every first Monday of the month, at the pub 'Le Manoir'.

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

THE GREATER OTTAWA AREA (Contact: **Gerrie Kautz**, gwkautz@rogers.com)

The Ottawa chapter meets on the third Tuesday of the month, at 11:30 am for lunch at 12:00 and a speaker, except in December, July and August.

September 15 **Dean Hamilton**, "Canals of Parks Canada."

October 20 **Frans Koch**, "Dams of the World."

November 17 **Mike Taylor**, "Wooden Ships to Iron Ships."

THE GREATER TORONTO AREA (Contact: **Jerry Cuttler**, jerrycuttler@rogers.com)

MANITOBA (Contact: **Dave Ennis**, ns2@mymts.net)

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

ALBERTA (Contact: **Fred Otto**, fotto@interbaun.com)

CALGARY (Contact: **Chan Wirasinghe**, wirasing@ucalgary.ca)

The Calgary chapter meets nine times a year at the Danish Canadian Club on the second 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 meets on the third Thursday of the month, at 11:30 a.m., with a buffet lunch at 12:00, followed by a speaker at the Chateau Louis Conference Centre, 11727 Kingsway.

September 24 **Norbert Morgenstern**, "The Mount Polley Tailings Dam Failure Inquiry— Learning From Failure."

October 15 **Gary Faulkner**, Director, Research and Technology at Glenrose Rehabilitation Hospital, "Economic Diversification Through Improved Healthcare?"

November 19 **Bruce Peachey**, "Reducing Methane Venting on Heavy Oil Production."

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

VANCOUVER (Contact: **Aidan Gordon**, aidan@gordoncrane.com)

The Vancouver chapter normally meets at 11:45 a.m., on the first Thursday of each month at the Sutton Place Hotel, Burrard Street. (Three-course lunch. Cost: Members \$45, Guests \$50)

VANCOUVER ISLAND (Contact: **Gerry Buydens**, gbydens@shaw.ca)

The Vancouver Island chapter gathers for lunch at 11:30 a.m. on the first Friday (adjusted for holidays) September through June at The Oak Bay Recreation Centre, Victoria.

September 15 **Roger Girouard**, West Coast Commandant, Canadian Coast Guard, "Challenges for the Canadian Coast Guard on the Pacific Coast."

October 2 **Hausi Muller**, Associate Dean Research, University of Victoria Faculty of Engineering and Computer Science, "The Internet of Things."

Engineering History of Canada

Further to our website (seniorengineers.ca) history section's Engineering History of Canada, CSSE History and Archives Committee member **Farhad Saeedi** recommends "75 Years of Alberta Energy Regulation", by Gordon Jaremko, at http://www.aer.ca/documents/about-us/Steward_Ebook.pdf; and CSSE Secretary **Bill McRitchie** recommends reading 'Roughnecks, Rock Bits and Rigs, The Evolution of Oil Well Drilling Technology in Alberta 1883-1970', by Bonar (Sandy) Gow."

Changed Your Coordinates?

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

CSSE Charities ...

DISCOVER E

Shown is CSSE Director **Fred Otto** (right) presenting the CSSE's 2015 donation to Discover E's program director, **Keely McPhee**. Dr. **Fraser Forbes**, Dean, Faculty of Engineering, University of Alberta is on the left. For more information, visit discovere.ulberta.ca.



SASKATCHEWAN SCIENCE CENTRE (SSC)

2015 SUMMER SCIENCE CAMP

Shown, on the occasion of the CSSE/SCIS 2015 donation, are the kids from the first 2015 Summer Science Camp of the SSC. In the back row are, from left to right, CSSE Directors **Shawna Argue** and **Pieter Van Vliet**, with SSC CEO **Sandy Baumgartner**. Everyone was hollering "SCIENCE!" when the picture was taken. The SSC Building is in the background.



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Advocacy Workshop Progress (continued) ...

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The first draft advocacy paper, entitled "Our Main Infrastructure Works - Whose Responsibility?", is available for review and comment in English and French, by following the links at CSSE web site at <http://seniorengineers.ca/csse/advocacy/>.

2. The erosion of Canada's manufacturing sector - what can engineers do about it (contact **John Dinsmore** at johndins@videotron.ca).
3. Re-advancing the Canadian nuclear industry (contact **Dan Meneley** at dan.meneley@sympatico.ca or 705-657-9453). Canada has in hand one of the best uranium-powered electricity generators in the world, and we are blessed with adequate uranium and thorium fuel to meet our needs for hundreds of years. And yet So why are we not getting on with the job of building new plants? Please help.

Members who might be interested in participating to some extent in one or more of these three topics are invited to contact the applicable members indicated. Also, for anyone interested in mounting his/her own advocacy, there is a procedure to follow, available at info@seniorengineers.ca or by phoning 613-821-5273.

The CSSE Website

The CSSE website (<http://www.seniorengineers.ca>) 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. Similarly, 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.

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 can also be paid *securely* by credit card by going to the "Members" page at the CSSE website:

www.seniorengineers.ca.