

The Canadian Society of Senior Engineers (CSSE) March 2017 Newsletter

The President's Remarks



President Ron Britton

Spring has arrived, at least in theory. However, from the perspective of CSSE, Spring is not a theory, but a time to anticipate our Annual Meeting. President-Elect Shawna Argue and her Planning Committee have organized a very interesting “visit” to Regina that will complement the business and social aspects of our AGM. I encourage you to make plans to join us at the Hotel Saskatchewan in the Queen City for our May 12 and 13 event.

The need for restructuring of CSSE that was discussed in Halifax has not progressed as planned. That is a personal disappointment for me, but we must play with the cards we are dealt. However, my situation hasn't prevented change from happening. Those of us who took on new challenges during this past year have kept the ship afloat, gained a better understanding of how the “system” functions, and developed ideas as to what needs to be/can be done. Our ideas will provide a base upon which discussions will be based during the meeting in Regina, and upon which change will be initiated in the coming year. But CSSE cannot grow and develop without input from the membership. I would encourage you to share your thoughts, in person, or through communication.

And speaking of communication, declining membership is the prime concern that persons have shared with me. From my perspective, as an organization of “seniors” we all understand the realities of an aging membership. But given an aging population, there are increasing numbers of potential members available. What can/should we be doing to attract these potential members? What do we/can we “offer” to potential members? Why do you belong?

From a more philosophical perspective, people have posed the question, what constitutes being a “senior”? Our admission requirements do not restrict membership to retirees who are on pensions. Can we/should we find a way to present ourselves as a group of “experienced” engineers who wish to share our experience and help younger, more technically adept engineers avoid the potential hazards of “unintended consequences”? Should we/can we find a way to share our “experience” with those who will become eligible to join CSSE in 15 or 20 years?

2016/17 has been a frustrating year for me as I deal with “growing up”. But it has provided me with some understanding of where CSSE can go. We provide a resource that needs to be better understood and appreciated, by ourselves and others. We need to share our thoughts and concerns to provide the foundation upon which we can grow. I look forward to your input to [<mgronbritton@gmail.com>](mailto:mgronbritton@gmail.com) so I can keep CSSE member's communication separate from the maze that is my university account.

I look forward to meeting many of you in Regina. Prairie hospitality is a unique experience.

CSSE 2017 Annual Meeting Registration and Agenda Regina, SK May 12 & 13, 2017

Registration for the CSSE 2017 Annual Meeting is now open! To register, please go to: www.apegsservices.ca/meetings. More detailed information can be found on the CSSE website. NOTE – you have to complete separate registrations for each individual attending. **Registration Deadline is May 1, 2017.**

Friday, May 12, 2017 – Welcome Reception – Saskatchewan Science Centre (6pm to 9pm)
Bus transportation will be provided from The Hotel Saskatchewan.

Saturday, May 13, 2017 – Annual Meetings, Partners' Program and Fellowship Banquet
The Board Meeting and Annual Meeting of Members will take place throughout the day at The Hotel Saskatchewan.

The detailed agenda and registration information can be found on the CSSE website.

A limited block of rooms is available until April 20 at the **Hotel Saskatchewan** for May 11 – 13, inclusive. Please make your reservations directly with the hotel online. Book your group rate for Canadian Society of Senior Engineers Annual Meeting by calling 1-844-324-1672. The rate is \$161 per night, plus taxes.

Schedule of Fees

Registration for Board and Annual Meetings	\$30/person
Welcome Reception (Friday)	\$30/person
Partners' Program (Saturday)	\$50/person*
Luncheon (Saturday)	\$35/person**
Awards Banquet (Saturday)	\$85/person***

Notes: *Includes transportation, admission fees and lunch. **Do not register for lunch if registered for the Partners' Program. ***Complimentary for new fellows and one guest.

Call for French-language Judges

The Canadian Science Wide Science Fair 2017 is being held in Regina and hosted by the University of Regina from May 14-20. For the CSSE members living in Saskatchewan or the delegates attending the CSSE Annual General Meeting in Regina May 12-13, they may want to stay on to volunteer as judges at the event. The CWSF are very much in need of French speaking or bilingual judges. Accommodation and some meals are provided on May 15 and 16. There are many benefits to judging including supporting the students and their projects, meeting high quality judges like yourself, making a contribution to future scientists, doctors and engineers and soaking up the atmosphere and being part of the CWSF. The judges will be required for training instructions and judges orientation on Monday, May 15 from 16:30 to 21:30. Judging takes place all day Tuesday May 16 and there is a cocktail reception for the judges, Tuesday night. **William Altimas** and **Frank Corbett** judged at the CWSF held at McGill University in Montreal in 2016. They both enjoyed their experience and recommend your involvement.

If you have any questions please contact CSSE member **William (Bill) Altimas** at WAltimas@hotmail.com or **Philippe Ouimet**, a professor at University of Regina and the chief judge at pierre-philippe.ouimet@youthscience.ca.

Members in the News

On February 28 CSSE Director **Jerry Cuttler** gave a talk entitled “Treatment of Alzheimer Disease and Parkinson Disease with CT Scans” to the PEO York Chapter. See the links re:

(1) Update on the AD patient who was treated with CT scans.

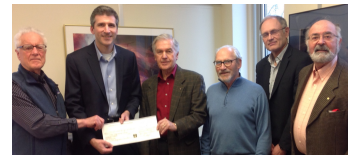
(2) Evidence That Lifelong Low Dose Rates of Ionizing Radiation Increase Lifespan in Long- and Short-Lived Dogs.

<http://journals.sagepub.com/doi/full/10.1177/1559325817692903> and <http://journals.sagepub.com/doi/full/10.1177/1559325817693167>

Alberta Science Network, one of CSSE's donation recipients, in which CSSE Director **Nick Malychuk** serves as one of the classroom volunteer presenters, has received the ASTech Foundation "Excellence in Science & Technology Public Awareness" award.

A contingent of CSSE members presented a \$1,000 donation to University of Victoria Associate Professor Adam Ritz on behalf of the Victoria area high school **VICTA** program. This donation will be used to introduce cosmic ray detectors into additional Victoria area high schools utilizing trained teachers to engage students in STEM related activities. VICTA is part of a world wide net of cosmic ray detection.

Shown are (left to right): **Lyle Robertson** MCSSE, VICTA Leader; **Adam Ritz**, Head, UVic Physics & Astronomy Dept.; CSSE Past President **Colin Smith** FCSSE; **George Beer** MCSSE; **Tom Tiedje** FCSSE, Dean, UVic Engineering & Computer Science; and CSSE Past President **Ken Putt** FCSSE.



From Sea to Sea to Sea ... Current and Coming Events

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

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

The Greater Ottawa Area (Contact: **Tony Thatcher**, jathat@rogers.com)

The Ottawa chapter (known to several members as "The Old Farts") meets at The KS Restaurant on Daze Ave., south of Southgate Shopping Mall, usually on the 3rd Tuesday of the month, at 11:30 for lunch at 12:00 and a speaker, except in December, July and August.

Mar. 20. The Future of Engineering. (**Arnold Eyre**)

Apr. 17. 150 Years of Canadian Engineering. (**Drew Wilson**)

May 15. Railways of Gloucester _ and Beyond. (**Les Goodwin**)

Jun. 19. How the advances in technology have given rise to the unrelenting increase in world population (Part 2). (**Buzz Nixon**)

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

Quebec Province (Contact: Jean-Guy René, jg.rene@sympatico.ca)

Montreal (Contact: **Frank Corbett**, corbf@videotron.ca or **Bill Matthews**, WilliamMatthews777@me.com.)

The Montreal chapter held a luncheon on Jan. 26 with colleague **Bill Altimas** reporting on Water Summit, Budapest, Nov. 2016, which he had attended.

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

The Manitoba chapter meets in the APEGM offices.

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

12 and 13 May, 2017. **The 2017 annual CSSE meeting** at The Hotel Saskatchewan in Regina.

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

Calgary (Contact: **Chan Wirasinghe**, wirasing@ucalgary.ca) The Calgary chapter meets 9 times a year at the Danish Canadian Club on the second Monday of each month with the exception 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 at Chateau Louis Conference Centre, 11727 Kingsway on the 3rd Thursday of the month, at **11:30 a.m.**, with a buffet lunch at 12:00, followed by a speaker.

Apr. 20. LRT. (Scott Macintosh).

May 18. Topic TBA. (Jesse Kostelyk of SMS).

Jun. 15. Topic TBA. (Larry Charach).

British Columbia (Contact: **Ken Putt**, kwputt@shaw.ca)

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

The Vancouver chapter normally meets at 11:45, on the first Thursday each month at the Sutton Place Hotel, Burrard Street. (3-course lunch. Cost: Members \$45.00, guests \$50.00.)

Vancouver Island (Contact: **Robin Black**, robinblack@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.

Speakers' ppt, files and photos are made available through Dropbox (with author's agreement).

Spreading the Word

Some of the speakers' notes are made available via Internet (with author's agreement).

Progress of CSSE Advocacies

"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) has been distributed to a representative of each province for distribution to local authorities of his or her choice.

As a follow-on to The CSSE's "**Energy Compass**" advocacy of 2010, The CSSE is co-sponsoring an initiative with Canada's Provincial and Territorial Premiers' Canadian Energy Strategy (CES), promoting:

- (1) new hydroelectric power generation and grids for domestic and US markets, and
- (2) new pipelines to move hydrocarbons to processing centers for value-added upgrading in Canada and for export markets.

(Contact **Ken Putt** at kwputt@shaw.ca, **Guy Van Uytven** at guyvanuytgen@shaw.ca, or Clem Bowman at bowman@progrid.ca for more information.)

Still being developed are:

- (1) "Re-advancing the Canadian Nuclear Industry" (Contact **Dan Meneley** at dan.meneley@sympatico.ca, or phone 705-657-9453.); and
- (2) "The Erosion of Canada's Manufacturing Sector - What Can Engineers Do About It?" (Contact **John Dinsmore** at johndins@videotron.ca, or phone 514 933-2112.).

For members who might be interested in mounting his/her own advocacy, there is a procedure to follow, available by contacting **Andy Jones** at andyjones@xplornet.com.

Recruit a New Member!

If you have a friend who is not a CSSE member, simply refer her or him to the CSSE website at seniorengineers.ca.

The CSSE Website: www.seniorengineers.ca

By Andy Jones

The CSSE web site 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@xplornet.com. The same with if you know of something a CSSE member has done that can be entered into "members spotlight". The French version is now available at <http://seniorengineers.ca/scis/> and I'm looking for edits and corrections.

Recommended Reading

“Climate Change: the Facts”, edited by Alan Moran. Available on Kobo.

Correspondence With The CSSE Administration Office

All “snail-mail” correspondence, including cheques, and enquiries, should be sent to The Canadian Society of Senior Engineers, Suite 1504, 71 Somerset St. W., Ottawa, Ont. K2P 2G2; and emails to administrator@seniorengineers.ca. Phone calls: 613 890 9363. Dues and donations can be paid securely by credit card by going to the “Members” page at the CSSE website www.seniorengineers.ca.

Changed Your Coordinates?

If you have a new mailing (or emailing) address, please inform The CSSE Administration Office and the CSSE Newsletter Editor Arnold Eyre (arnoldeyre@gmail.com).