

# CSSE Newsletter

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## The President's Remarks

As I accepted the title of CSSE Vice-Chair, I also accepted to help Past-Chair **Ron Britton** with the proposal on restructuring the Society to increase its membership. It took some time to get started, because I needed to know CSSE better. Digging into the pile of documents, I found a tremendous amount of potential, but limited resources to exploit them.

Our mission is clear and truly Canadian: CSSE/SCIS shall operate so as to maximize the well-being of all Canadians, drawing upon the practical experience, knowledge, skills and wisdom of its senior, multi-disciplinary membership by, inter alia, the following objectives: ..."

What a great mission, something that we as professional engineers have inspired to do during our entire life. But then, what energy do we have to invest in this mission? First of all, reading over the various activities of the Branches across Canada, some barely seem to be able to get together every month or so! Others do get together, but the circle is closed despite the very interesting speaker. As for those that who are doing something, are Canadians listening or at least interested?

We can work on our policies and mission statements from here to eternity, the fundamental question remains: as a member of the Canadian Society of Senior Engineers, what are you willing to do, to meet this mission. No input, no output, and we engineers are sure experts on this subject matter.

From my own experience, Canadians will listen to us when we are recognized for what we do as a society. Meeting among ourselves is fine, and it is the fundamental activity which keeps us together. But then, it does not put CSSE on the map! We need to go further: we do take part in a few events, but then, is our contribution and logo obvious enough?

I congratulate those who take the time to collaborate in writing documents such as books with other engineering groups, which is a fantastic objective. But then, who will read this document and is it of interest to our members of parliament, and even the educated Canadian?



President Suzelle Barrington

## New & Returning Members

**Hausi Muller**  
(Victoria)

**Kenneth Porteous**  
(Edmonton)

## The President's Remarks ... continued

It is my feeling that we have missed the boat, in our efforts to grow. To catch up, we need to start with what is local and easily accessible. Then, we can grow, but growth takes time, certainly not a few months but years. We hold so much experience, knowledge and talent among us, we need to find ways of exploiting this treasure with minimum effort, because, let's face it, we don't have the energy we used to. Some of us are also losing our mobility.

We have in our midst several Deans or former Deans of a Faculty of Engineering: why not hold one of our guest speaker event at a local university, and invite students as well as alumni? We can also hold guest speaker meetings in collaboration with our provincial local engineering societies, by using their networks for publicity and getting the event recognized if possible as continuing education.

The Canada Wide Science Fair is also a tremendous way of giving back to Canada: the events start locally, then move on to the provincial level and is extended nationally. Helping students at the local level provides experience for the provincial and national events. Furthermore, it's a local easily accessible event and can provide a one-on-one contact which the student will remember.

## Members in the News

**Bryan Purdy** of Winnipeg has been appointed to the Board of Efficiency Manitoba.

**Leo Flaman** of Calgary will be added to the CSEM Executive Board as CSSE Liaison.

Shown (right) is **Bill Altimas** of Montreal presenting The EIC Engineering Innovation Award to **Kaitlyn Coen** at The Canada-wide Science Fair 2018 in Ottawa.



Shown (left) is the presentation on July 10, by CSSE Director **Fred Otto**, of the CSSE donation (cheque for \$1,000) to the DiscoverE program at the University of Alberta.

From left to right: **Fraser Forbes**, Dean, Faculty of Engineering, University of Alberta, **Ilana Young**, Outreach Coordinator & Director of DiscoverE, **Fred Otto**, and **Valerie Belisle**, Assistant Dean Advancement, Faculty of Engineering.

DiscoverE is celebrating 25 years of growth. In 2017-18, over 26, 000 youth participated in the workshops and camps held in the Edmonton area, throughout Alberta and the Northwest Territories. Female enrolment exceeded 40%.

## Members in the News ... continued

Shown (right) is the presentation of the CSSE donation (\$500.00), by CSSE Director **Fred Otto**, to **Tyler Zimmerling**, a key organizer of the Canadian Undergraduate Physics Conference (CUPC 2018) at the University of Alberta.

The donation sponsored two awards at the conference:

- 1) CSSE Presentation Award: Sponsored by Canadian Society of Senior Engineers (\$300.00)
- 2) CSSE Poster Award: Sponsored by Canadian Society of Senior Engineers (\$200)



They were awarded to the top oral presenter (left) and top poster presenter (right) of the conference, as determined by faculty and graduate student judges.



Shown (right) is CSSE Director **Nick Malychuk**, on July 16 presenting the CSSE donation cheque to Dr. **Jeffrey Newton**, the program director for the Alberta Science Network in the Edmonton area.

The Alberta Science Network (ASN) reached over 68,000 Grade 1 to 12 students and teachers, according to the ASN 2017 annual report, with science presentations, delivered in the classrooms by volunteers practicing in the field. These presentations show the students how the math and science they are learning is used in the real world. The ASN budget was \$550,000 with about half provided by a government grant, while the rest came from fund raising events and donations such as The CSSE's.



Shown (left) is the presentation by CSSE director **Pieter Van Vliet** on July 11, 2018, of the CSSE donation to **Sandy Baumgartner**, CEO of The Saskatchewan Science Centre, in the presence of participating kids in The Summer Science Program.

Shown (right) is **Michael King** receiving his CSSE fellowship certificate from Chairman **Suzelle Barrington** at the June 2018 meeting of the Montreal chapter.



Shown (left) is Past President **Colin Smith** thanking the May 2018 presenter of "Smart Cities", **Jacques van Campen**, in the Vancouver Island chapter.



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

**MARITIMES** (Contact: **Dan MacDonald**, [danm@cbcl.ca](mailto:danm@cbcl.ca))

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

**MONTREAL** (Contact: **Bill Altimas**, [waltimas@hotmail.com](mailto:waltimas@hotmail.com) or **Bill Matthews**, [williammatthews777@me.com](mailto:williammatthews777@me.com)) The Montreal group meets at the Manoir Resto in Pointe Claire on the first Monday of each month for lunch. Also, at The Royal Saint Lawrence Yacht Club (The RSLYC) in Dorval, Quebec, at the June lunch, **Willy Kotiuga** made a presentation on the design of a pumping storage to generate power in Saudi Arabia.

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

**THE GREATER OTTAWA AREA** (Contact: **Tony Thatcher**, [jathat@rogers.com](mailto:jathat@rogers.com))

The Ottawa Chapter meets at The KS Restaurant on Daze Ave., south of Southgate Shopping Mall, usually on the 3<sup>rd</sup> Monday of the month, at 11:30 for lunch at 12:00 and a speaker.

**Sep. 17.** Getting Air In and Out Of WWII Aircraft Piston Engines (**Herb Saravanamutto**)

**Oct. 15.** DDH 280 - First Gas Turbine Warship (**Peter MacGillvray**)

**Nov. 19.** Ceramics (**Richard Lovett**)

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

The Manitoba chapter meets in the "Engineers Geoscientists Manitoba" offices.

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

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

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

Arrangements have been by **Leo Flaman** on July 27 for The CSSE and The CSEM to hold joint luncheons. Registration for each luncheon at 11:30 A.M. At The Danish Canadian Club:

**Sep. 17.** "Pipelines, Pipelines, Pipelines". (**Chris Boomer**, President and CEO of The Canadian Energy Pipeline Association.)

**EDMONTON** (Contact: **Nick Malychuk**, [nmaly@telus.net](mailto:nmaly@telus.net))

The Edmonton Chapter meets at Chateau Louis Conference Centre, 11727 Kingsway on the 3<sup>rd</sup> Thursday of the month, at **11:30 a.m.**, with a buffet lunch at 12:00, followed by a speaker.

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

**VANCOUVER** (Contact: **Aidan Gordon**, [aidan@gordoncrane.com](mailto: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](mailto: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. Please link to [www.viengsoc.ca](http://www.viengsoc.ca) for current activities and events, or [secretary@viengsoc.ca](mailto:secretary@viengsoc.ca) for specific enquiries.

### 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 [www.seniorengineers.ca](http://www.seniorengineers.ca)

## 2019 Fellowship Nominations

The closing date for submission of nominations for 2019 wards is November 30, 2018. However, it is not too early to initiate nominations for 2019 CSSE fellowships, to be presented at the Honours and Awards Dinner following our AGM in May 2019. Please submit completed applications to Director **Fred Otto**, Chairman of CSSE's Honours and Awards Committee at [fotto@interbaun.com](mailto:fotto@interbaun.com). Detailed guidance for the preparation of nominations is given in the applicable CSSE Standard Operating Procedure (SOP). Also, rules and nomination form are posted on our website.

## Progress of CSSE Papers

"The Aging of our Vital Infrastructure and the Threat to Public Safety - an Engineering Responsibility" (Contact **Jean-Guy René**, at [jg.rene@sympatico.ca](mailto: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.

Still being developed are:

"The Erosion of Canada's Manufacturing Sector - What Can Engineers Do About It?"

(Contact **John Dinsmore** at [johndins@videotron.ca](mailto:johndins@videotron.ca), or phone 514-933-2112.)

For members who might be interested in leading a CSSE paper, there is a procedure to follow, available by contacting **Andy Jones** at [stonyjones@ieee.org](mailto:stonyjones@ieee.org).

## The CSSE Website: [www.seniorengineers.ca](http://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 [stonyjones@ieee.org](mailto:stonyjones@ieee.org). 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.

## Changed Your Coordinates?

If you have a new mailing (or emailing) address, please inform the CSSE Administration Office ([administrator@seniorengineers.ca](mailto:administrator@seniorengineers.ca)) and the CSSE Newsletter Editor **Arnold Eyre** [arnoldeyre@outlook.com](mailto:arnoldeyre@outlook.com)

### Correspondence with the CSSE Administration Office

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

The Canadian Society  
of Senior Engineers  
464 Briar Avenue  
Ottawa, Ontario  
K1H 5H6

[administrator@seniorengineers.ca](mailto: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](http://www.seniorengineers.ca)