

CSSE Newsletter

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The President's Remarks

Greetings all. It is my pleasure to forward a mid-year column to you in my capacity as your 2014-15 President. With the festive season rapidly approaching, December is a busy month for CSSE Members both personally and within our profession. December 6th marked one of the saddest days in our profession's calendar, the anniversary of the tragic slaying of female students at École Polytechnique. On a happier note, CSSE congratulates the several engineers who were named as one of Canada's 100 Most Powerful Women. If you're headed to Brazil soon, note that it celebrates Engineering Day on December 11th (see a full listing of international celebrations at **Engineer's Day**).

As noted throughout this newsletter, our Society is active on many fronts. Several charitable awards have been recently presented to organizations who encourage youth to take up careers in science and engineering. Branch meetings are occurring across the country. CSSE's Advocacy Working Group is progressing synopses on six topics and Guy Van Uytven is developing a paper on the need and benefits of a national energy grid jointly with Clem Bowman (on behalf of the Canadian Academy of Engineering). Our Honours and Awards Committee, Chaired by Jon Jennekens, OC is beginning its deliberations for the bestowal of Fellowships at our 2015 AGM. Several members are again contributing to the organization of EIC's 4th bi-annual Climate Change Technology Conference (CCTC 2015) to be held in Montreal May 25th-27th. The AGM Committee, lead by Ron Britton and Dave Ennis, are progressing an active Agenda for the meeting to be held in Winnipeg, Friday, May 29nd. Visitations to area sites of engineering and personal interest are being planned; IEEE has offered to partner in this event. Details will follow in our next newsletter but circle the last weekend of May on your calendars now.

Our focus on new membership development is bearing fruit. I encourage you to invite one or more colleagues to join CSSE/SCIS in 2015. New blood is essential for the continuity of our contribution to our profession, our society at large and to our youth whom we wish to attract to take our places.

A potential partnership opportunity with the international Pacific Northwest Economic Region (www.pnwer.org) has been identified. Andrew Pape-Salmon, PEng, of Victoria, has gained regional prominence for his work in highly energy efficient new building design and existing building retrofit - an essential element of compliance with energy conservation and reduced carbon emission standards. There is significant opportunity for CSSE members to contribute to the establishment of the 2030 "net zero" building emissions roadmap that PNWER is developing.

In closing, it is my great pleasure to thank all members who are contributing to the work of CSSE/SCIS - from those referenced above, to those too often unseen members who produce our ever expanding website, edit our publications and keep us administratively on track.

As you give thought to your year-end charitable contributions, please do add a tax receiptable donation with your 2015 CSSE/SCIS dues renewal.



Colin Smith

The President's Remarks *continued*

Seasons' Greetings to all. Whether you celebrate Christmas and/or Hanukkah, best wishes for a Happy New Year and in the tradition of Auld Lang Syne's - "*Should Old Acquaintance be forgot...*", and also in Andy Stewart Hogmanay fashion for those Scots of a senior vintage:

*Haste ye back, we love you dearly,
Call again you're welcome here.
May your days be free from sorrow,
And your friends be ever near.*

*May the paths o'er which you wander,
Be to you a joy each day.
Haste ye back we love you dearly,
Haste ye back on friendship's way.*

In Memoriam

- **Terry Rogers** (Ottawa, ON)

Highlights of the CSSE Fall Board Meeting

The CSSE's constitution and bylaws were updated, including the name change to "Canadian Society of Senior Engineers", to better reflect our reality. "The Canadian Society of Senior Engineers (CSSE), La Société canadienne des ingénieurs séniors (SCIS)" and the revised CSSE-SCIS Logo have been registered as our organizations trademark.



Lest We Forget

December 6th marked the 25th anniversary of the "Montreal Massacre" at École Polytechnique.

Changed Your Coordinates?

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

Recruit a New Member!

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

Welcome, New/Re-joining Members

- **Clement (Clem) W. Bowman** (Sarnia, ON)
- **David George Goodenough** (Victoria, BC)

Member in the News

- CSSE Past President and Director **Ken Putt** has been appointed as the only external member of the University of Victoria Strategic Research Plan Advisory Committee, and has been appointed to the inaugural Canadian Academy of Engineering Audit and Investment Committee.
- CSSE Director **Jerry Cuttler** gave an invited lecture at the 7th International School on Nuclear Power in Warsaw Poland in early November.
- **Tim Meyer** has left TRIUMF to become the Chief Operating Officer of the Fermi National Laboratory in Illinois.
- **Guy Van Uytven**, following up on the CSSE's "Energy Compass" paper of 2010, has submitted to CCTC2015, a joint abstract with Peter Smith of the CAE's "Energy Pathways" and The Bowman Center", of their paper, "*The Case for a TransCanada Energy Link, an Incremental Approach*".
- The Public Policy Forum has recognized **Peter Newell** as one of four "outstanding Canadian leaders".

From Sea to Sea to Sea ...

NEWFOUNDLAND AND LABRADOR (Contact: **John Evans**, 13jgevens@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 2 to 3 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)

January 20 **Drew Wilson**, "Trent-Severn Waterway".

February 18 **Jon Jennekens**, **Ramsey Withers** and **Buzz Nixon**, "Canada in the war in Korea".

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

From Sea to Sea to Sea ...

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

May 29 Plans for the **AGM** on Friday, May 29, 2015 are beginning to firm up.

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 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. Starting with the January 15th lunch, we will meet at Chateau Louis Conference Centre, 11727 Kingsway.

January 15 **David Chanasyk**, "2050 Vision for Water Management".

February 19 'Atco Electric', "DC Transmission Line".

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)

February 5 **Alan S. Imrie**, Imrie Engineering Inc., "The Ituango Project in Colombia—An Update on this 2400 MW Hydroelectric Project in South America".

VANCOUVER ISLAND (Contact: **Gerry Buydens**, gbuydens@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.

December 5 The two 2014 \$2,000 CSSE EIC VIB Scholarship Society scholarship recipients are **Kyle Campbell** from Parksville, who will attend UBC and **Alexandra Cooper**, who will attend the University of Victoria. The presentation will have taken place on December 5th.

January 9 **Tony Gioventu**, Executive Director of the Condominium Home Owners' Association, "Depreciation Reporting Obligations relating to Condominium Buildings".

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 to University of Ontario Institute of Technology Library, Attention: Brenda Jackson, 2000 Simcoe St. North, Oshawa, ON, L1H 7K4.

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.

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

CSSE Charities ...



CSSE Director **Pieter Van Vliet** is shown presenting the CSSE's \$1,000 cheque to **Sandy Baumgartner**, Executive Director, at the **Saskatchewan Science Centre** on November 3rd.

CSSE Director **Fred Otto** is shown presenting the CSSE's \$1,000 cheque for the **Discover E** program to Dr. **David Lynch**, Dean, Faculty of Engineering at the University of Alberta on November 6th.



Shown at the November 18th presentation of the CSSE's \$1,000 cheque for the **VICTA** program are (L to R) Prof. Dr. **Jeff Steeves** of VICTA, CSSE's **Lyle Robertson**, Dept. Head Dr. **Adam Ritz** of VICTA CSSE Past President **Ken Putt**, CSSE's **George Beer**, and Dr. **Justin Albert** of VICTA.

This CSSE-sponsored initiative has not only stimulated high school students' interest in science and engineering, but also was used with international post-graduate students at the International Space University by CSSE's Lyle Robertson and Jeff Steeves.



At press time, in Vancouver CSSE Director **Aidan Gordon** will be presenting CSSE's \$1,000 cheque to Marcello Pavan who is representing **TRIUMF**.

Advisory Workshop Progress

The Ottawa and Montreal chapters' workshop has developed synopses of the following 6 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);
2. The erosion of Canada's manufacturing sector - what can engineers do about it (contact **John Dinsmore** at johndins@videotron.ca);
3. The role of engineering in mitigating against disasters (contact **Drew Wilson** via info@seniorengineers.ca), (or 613-821-5273);
4. Improvement in national defence procurement (contact **Bruce McGibbon** at bmcgibb9@rogers.com), (or 613-821-5273);
5. Re-advancing the Canadian nuclear industry (regrettably, **Terry Rogers** has just passed away (Can you carry Terry's torch? If so, please contact our administration office); and,
6. Updating the CSSE's "Energy Compass" advocacy paper of 2010 (contact **Jon Jennekens** at jonorah@rogers.com), (or 613 822 8227).

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

Editorial Corner

Editorial

The Oxford Dictionary defines "system" as "a set of things working together as a mechanism or network".

As senior engineers, we have engineered large-scale systems, in which the "things working together", the system components, include human beings. For such a system to perform as effectively and efficiently as possible, those human beings should be aware of, agree with, and work consciously toward achieving, the system objective.

Canada, a large-scale system, hasn't enunciated Canada's objective. Shouldn't the CSSE draw this fundamental omission to our fellow Canadians' attention?

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.

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; Faxes to: 613-821-0179; and/or Phone calls: 613-821-5273

