

CSSE Newsletter



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President's Message

This is the 4th newsletter since the May AGM and I want to thank our Secretary-Treasurer Arnold Eyre for his diligence in the timely publishing of each one, and of course the excellent help he gets from our publisher and generous donor, Debbie Innes, as well as, from various CSSE members in putting them together. As I look down the draft copy of this newsletter I cannot help but be impressed by the topics of the programs put on by the local branches. I hope everyone that can makes an attempt to attend the meetings in your area and bring along any engineering friend who might be interested in joining.



Andy Jones

CSSE, as part of EIC, supports www.engineeringcareers.ca, a website of job positions for engineers. While it is doubtful that many CSSE members are looking for jobs and maybe even less willing to take one if offered, if you know of an engineer looking for a job, or better yet, know an engineer responsible for hiring, please tell them about this site. Revenues from this site help support EIC endeavours.

In closing, I wish you all the best for the coming holiday season and 2012.

CSSE's Youth Support Program ... an Up-date



At the monthly Thursday luncheon of the **B.C. Mainland Branch** of CSSE on December 1, the CSSE's 2011 donation to the **TRIUMF** project was made. Shown in the photo are Dr. **Marcello Pavan** of TRIUMF (on the left), and CSSE Vice President (West) **Ken Putt**, who presented the cheque on behalf of CSSE.



Members in the News

On November 17 in Ottawa, **Don Lawson** and **Arnold Eyre** gave a presentation to representatives of **The Canadian Nuclear Safety Commission, The Canadian Nuclear Society** and **IEEE**, and by video link, **Carleton University** and **University of Ottawa** students, regarding the CSSE's ranking of Canada's energy alternatives, based on the CSSE's paper, "Energy Compass ... A Canadian Energy Decision Framework".

Welcome New Members

- **Michael Ball** (Ottawa, Ont.)
- **George Baumgarten** (Ottawa, Ont.)
- **Jan Carr** (Toronto, Ont.)
- **John Hollemans** (Victoria, B.C.)
- **Terry Rogers** (Ottawa, Ont.)
- **Dick Sorenson** (Ottawa, Ont.)
- **Don Wight** (Ottawa, Ont.)

In Memoriam

- **Bill Buhr** (Winnipeg, Man.)
- **David Foster** (Moncton, N.B.)
- **Peter Onasek** (Mississauga, Ont.)
- **Vernon Simpson** (Fonthill, Ont.)



Happy 125th Birthday, EIC!

CSSE's "parent", **EIC**, will be celebrating its **125th** anniversary in 2012. It will mark the occasion with two awards galas: the first on **February 25** at The Westin Hotel in Ottawa; the second on **June 7** at The Shaw Conference Center in Edmonton. For more information, go to <http://www.eic-ici.ca/Announcement.pdf>.

CSSE 10th Anniversary Gala

CSSE will be celebrating its **10th Anniversary** (September 22, 2012), starting in the afternoon of **May 26, 2012**, with the **2012 AGM**, followed by the **2012 Awards Banquet** in the evening of **May 26**.

Out-of-towner, why not **book your room** at The Hampton Inn now! Simply call **toll free** at **1-877-701-1281**. Our group rate is only \$125/night + **free** parking. When booking, say that you are with "Group CSSE, Code CSE, Group No. 1299".

In the Branches ...

MARITIMES BRANCH

May 17, 2012: Presentation, by a **CSSE representative** (to be named), of CSSE's "Senior and Junior" awards, at **Youth Science Canada's Canada-Wide Science Fair** at the University of Prince Edward Island in Charlottetown.

QUEBEC BRANCH

October 21: A joint meeting with IEEE Life Members was held at Dorval's RSLYC, attended by CSSE President **Andy Jones**. The CSSE's **Don McGillis** and **Reg Brearley** presented a paper regarding rationalization of power utility reserves.

ONTARIO BRANCH

November 22: CSSE member **Jim Dean** addressed the Greater Ottawa Chapter regarding **Frequency Spectrum Management and Engineering**.

January 24: National Research Council President **John McDougall** will speak to the Greater Ottawa Chapter, giving a "National Research Council Overview".

February 21: **Jeff White**, CEO of Northern Watertek Corporation, will address the Greater Ottawa Chapter regarding "Waste to Energy Systems".

March 20: CSSE member **Jim Dean** will speak regarding "Canadian Shipbuilding in WW II".



In the Branches ... continued

MANITOBA BRANCH

The **Fall Meeting** of the Manitoba Section was held on **October 26**. The speaker was **Ken Skaftvold**, a well-known senior environmental engineer, who spoke regarding structures that had failed because their design had been based on tests of soil strength which had been done on too small a specimen area.

EDMONTON BRANCH

- January 19:** **John McDougall**, President, National Research Council Canada, will speak regarding "Strengthening Canadian Innovation through the New NRC".
- February 23:** **Douglas Dale**, Professor Emeritus, Dept of Mechanical Engineering, U of A, will speak regarding "Controlled Pyromania - Blowing Up and Burning Up Houses and Forests for Worker and Public Safety".
- March 15:** **Surindar Singh**, Executive Director, Renewable & Emerging Resources, will speak regarding "Alberta Innovates - Energy & Environment Solutions, Underground Coal Gasification".

BRITISH COLUMBIA MAINLAND BRANCH

- December 1:** The monthly Thursday luncheon in Vancouver featured the presentation of CSSE's 2011 donation to the **TRIUMF** project (*see page 1*).

VANCOUVER ISLAND BRANCH

- December 2:** **Guy Van Uytven** addressed the branch regarding the timely topic of bulk transportation/transmission of energy.
- January 6:** **Geoff Dickson**, CEO of Victoria International Airport, will provide an update of current and extensive planned expansions of facilities and services.
- February 3:** **Manuel Achadinha**, President & CEO of BC Transit, will provide an update on plans for Rapid Bus and Light Rail Service in the Greater Victoria area.

Don't Forget Your Acquaintances

You are encouraged to invite any of your acquaintances who are **engineers or applied scientists**, or who have otherwise supported, and/or been associated with, the engineering profession, and who have over 20 years of experience, to join CSSE.

CSSE's Advocacies Program ... an Up-date

Advocacy Committee Chairman Colin Smith recently participated in a delegation to Ottawa as an Executive Committee Member of The Pacific Northwest Economic Region (www.pnwer.org) (representing the Professional Engineers of Western Canada). In addition to advocating on bi-national economic and energy issues to key cabinet ministers and senior policy advisors, he referenced CSSE's "Energy Compass" paper to the Deputy and Assistant Deputy Ministers of Natural Resources Canada (NRCan).

The Committee remains receptive to receiving suggestions for the next significant CSSE advocacy endeavour.

Questions or Comments

If you have any questions, want more information, are interested in participating in a CSSE activity, or have a suggestion, or a new set of coordinates (e.g. email address), please contact our Secretary-Treasurer Arnold Eyre at arnoldeyre@hotmail.com, or by fax at (613) 737-0229, or by telephone at (613) 737-2112, or by "snail mail" to Arnold Eyre, c/o Promaxis Systems Inc., 2385 St. Laurent Boulevard, Ottawa, Ontario, K1G 6C3.

Engineering History

The Canadian Science and Technology Historical Association held its 17th biennial conference at the Science and Technology museum in Ottawa, November 18-20, 2011. Around 50 attended. There were only two "iron rings" present - **Drew Wilson** (CSSE/CSME) and **Hugh McQueen** (CSME). Two of the others were recognizable historians of engineering - **Bob Passfield** and **Larry McNally** - and quite a few were graduate students, supported by special funding. The rest were historian-academics, archivists, information specialists or museum people. Dr. **Bertrum MacDonald**, the CSTHA president, was chair of the event.

The theme was "Forests and Technology" and the keynote speaker was Professor **Graeme Wynn** of the University of British Columbia. However, only a handful of papers echoed the theme. The others covered a variety of subjects. Both **Drew** and **Hugh** (with **Larry McNally**) presented papers: on "Rolt, Petroski and Legget: Historians of Engineering" and "Metal Industries in Montreal, 1760 to 1910." There was also a plenary session which dissolved into a discussion among the academics on how to teach the history of science in universities - until **Hugh** and **Drew** brought up the problems of teaching the history of engineering, too.

CSSE's Honours and Awards Program ... Whom Do You Know?

If you know of any Canadian engineer or applied scientist who has demonstrated excellence in engineering and has rendered extraordinary service to the profession, to Canada or to the world community, please email Director and Past President **Jon Jennekens, Chairman of CSSE's Honours and Awards Committee**, at jonorah@rogers.com. The closing date for submission of nominations for 2012 awards was November 30, 2011. However, it is not too early to initiate consultations regarding nominations for 2013 not only for CSSE Fellowships but also for EIC medals and awards. The CSSE Honours and Awards Committee is in the process of evaluating nine nominations and expects to submit its recommendation to President Andy Jones early in January.

Dues and Donations Reminder ...

2012 dues are due as of **January 1**. If you haven't already acted, there's still time to make a 2011 **tax deductible** donation in support of CSSE's charitable activities. Your donation can easily be made:

- (a) by mailing your cheque (payable to The Canadian Society for Senior Engineers) to: CSSE c/o Pathfinder Association Mgt. Grp., Suite 700, 6009 Quinpool Rd., PO Box 9410, Station A, Halifax, NS, B3K 5S3. **Attention: Ms. Sandra Williams; OR**
- (b) simply by contacting Sandra, by telephone at **902-425-2445**, or by fax at 902-425-2441, or by email at swilliams@pathfinder-group.com, giving her your VISA/MasterCard No. and expiry date.

Your "**tax receipt**" will be mailed to you in time for income tax filing.

