

November 2008

IEEE OTTAWA NEWSLETTER - November 2008

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contents list

IN THIS ISSUE:

A. IEEE Ottawa Section Events

1. 2008 AGM - Invitation from the Chair November 11, 2008
Section Annual Report <http://ottawa.ieee.ca/AGMInvite2008.htm>
2. Sister-Sections Agreement between Ottawa and Twin-Cities
3. Life Cycle Assessment (LCA) in Sustainable Building:
Fitting Tools to the Task November 25, 2008
4. Quantitative Analysis of Network Patterns in Developing Organs
November 20, 2008
5. The 2009 Canadian Workshop on Information Theory May 13-15, 2009
6. IEEE International Conference on Communications (ICC 2012)

B. IEEE News

1. New IEEE Senior Members in Ottawa Section
2. 2nd Climate Change Technology Conference (CCTC 2009)
Hamilton, Ontario May 12-15, 2009

C. Non-IEEE News and Events Announcements

1. NATO Advanced Study Institute 2008 announcement
(location Ottawa) November 25 - December 05, 2008

D. Manage Your Subscription

A. IEEE Ottawa Section Events/News

1. AGM 2008 Invitation

Dear IEEE Member and Guest,

On behalf of the IEEE Ottawa Section Executive Committee, I am pleased to invite you to your 2008, 64th Annual General Meeting dinner of the IEEE Ottawa Section.

Date & Time: 5:45PM on Tuesday, November 11, 2008

Location: Conference Centre, Hampton Inn,
100 Coventry Rd., Ottawa, ON, Canada

Keynote Speaker: Mr. Rod Bryden

President & CEO of Plasco Energy Group Inc.

“The Plasco Conversion System – A new method of converting waste to value”

Register early, seating is limited. For registration & viewing the AGM Report, visit www.ottawa.ieee.ca

Sincerely,

Wahab Almuhtadi, Ph. D., P. Eng., SMIEEE
Chair, IEEE Ottawa Section

2. Sister-Sections Agreement between Ottawa and Twin-Cities

The IEEE Ottawa Section - Region 7 (Ottawa, Ontario, Canada) and the IEEE Twin-Cities Section - Region 4 (Twin-Cities, Minnesota, USA) have signed a “Sister-Section Agreement” on the 21st and 22nd of September, 2008 in Quebec City, Quebec, Canada. The agreement was

signed by Wahab Almuhtadi Ottawa Section Chair and Arun Kumar Twin

Cities Section Chair and approved by Ferial El-Hawary IEEE Region 7 Director and Wilson IEEE Region 7 Director and officially announced at the 2008 IEEE Sections Congress held in Quebec City on the 22nd of September, 2008. The executives of the two sections agreed to communicate and share experiences, plus collaborate and cooperate in future events between both sections, their chapters, affinity groups, student branches and committees. To accomplish great objectives for IEEE, this partnership agreement will bring a very fruitful cooperation and reap dividends on what can be accomplished with the

resources of both Sections. For more details please click here to view the agreement.

Twin-Cities Section was established in 1902. <http://www.tc-ieee.org/>

Ottawa Section was established in 1944. <http://www.ottawa.ieee.ca>

3. TITLE: Life Cycle Assessment (LCA) in Sustainable Building: Fitting Tools to the Task

A technical Meeting by Technology Management Council (TMC),
Professional Communication Society and Society on Social
Implications of Technology Joint Chapter November 2008 Seminar:

TARGET AUDIENCE: Managers, and professionals in all disciplines.

DATE: Tuesday, 25 November 2008 Time: 7:30-9:30 a.m.

LOCATION: Air Force Officer's Mess, 158 Gloucester Street,
Ottawa, Ontario

SESSION Cost: Free, BUT registration is required by 18
November, 2008.

REGISTRATION: e-mail to Wahib Thabet wahibt@nortel.com or
call 613-839-1108.

Agenda: Registration, networking, coffee 7:30-08:00 a.m.,

Intro: 08:00-08:10

Presentation: 08:10a.m. To 09:10 a.m., Q&A 09:10-09:25 a.m.

Overview:

There is a critical need to shift from prescriptive to environmental performance measures and approaches to green building in North America. Life Cycle Assessment (LCA) offers the best prospect for accomplishing that task. This presentation will focus on the essence of LCA from a building design team perspective, including a primer on methods and terminology and progress on the integration of LCA in rating systems. Included will be a brief overview of other sustainable building standards development activities in the U.S. that may affect the Canadian approach. The presentation will also introduce a simple LCA tools classification system, establish how tools interrelate and where they fit in the green design process, including a new free LCA-based tool, the ATHENA? EcoCalculator for Assemblies. This LCA-based tool, originally developed for use in the Green Globes U.S. rating system and now being adopted for use in a new LEED U.S. LCA credit calculator, makes it easy for design teams to compare common building assemblies in terms of environmental impacts.

Presenter's BIO: Wayne Trusty

Masters degree in economics and 40 years of experience in such diverse fields as resource industry economics and policy, water resources, transportation, energy policy and markets, Wayne Trusty now serves as President of the ATHENA Sustainable Materials Institute and its U.S. affiliate, Athena Institute International. He is an Adjunct Associate Professor on the University of Calgary's Faculty of Environmental Design, a member of the board of the Green Building Initiative, and Chair of the Technical Committee established in the U.S. to take the Green Globes rating system through a full American National Standards Institute process. He was previously a Vice Chair of the Board of the Canada Green Building Council (CaGBC) and a member of the USGBC's LEED New Construction Steering Committee. He

continues to serve on the Metrics and Life Cycle Assessment task force for CaGBC and on the LEED Resources and Materials Technical Advisory Group in the United States. Wayne is a member of several other organizations, including the U.S. Consortium for Research on Renewable Industrial Materials (CORRIM), is past chairman of an international technical committee examining the use of LCA with regard to building materials and products, and was a member of the U.S. National Academy of Sciences' Committee on Materials Flow Accounting.

ACTION: REGISTER NOW & INVITE A COLLEAGUE TO PARTICIPATE!

Visit <http://ottawa.ieee.ca/tmpcsit>

4.IEEE Ottawa EMBS Chapter's Technical Meeting

Title: Quantitative Analysis of Network Patterns in Developing Organs

Speaker: Dr. Anne-Gaelle Rolland-Lagan, Department of Biology, University of Ottawa

Date: Nov 20,2008

Time: 17:30-19:00

Place: Mackenzie Room 4359, Carleton University , Ottawa

Admission: Free

Parking: Paid

Refreshment: Light refreshment will be served

More details of this talk can be obtained from

www.ottawa.ieee.ca/embs/

5. TITLE: The 2009 Canadian Workshop on Information Theory

SPEAKER: There will be probably over 50 speakers. However, the program will only be available after the submission deadline and the review process.

DATE: Wednesday, May 13, 2009 to Friday, May 15, 2009

TIME: registration/refreshment Information can be found on the workshop web site.

LOCATION: School of Information Technology and Engineering (SITE), University of Ottawa <http://www.uottawa.ca/maps/maincampus.html>

PARKING: See <http://www.protection.uottawa.ca/en/parking-map.html>

ADMISSION: Applicable fees. Consult the workshop web site for the regular and the student registration fees.

REGISTRATION: www.site.uottawa.ca/CWIT09

ORGANIZED BY: Canadian Information Theory Society

CONTACT: Ali Miri, Email: Ali.Miri@uottawa.ca

ABSTRACT: This workshop provides an opportunity for researchers in Information Theory to meet and discuss aspects of their work. Work presented would include new results in (but not limited to) the following areas: information theory and statistics, coding theory and practice , communication systems, cryptology and data security, signal processing, and Data networks.

6. IEEE International Conference on Communications(ICC 2012)

The IEEE Ottawa Section and Communications Society Ottawa Chapter are

preparing a bid for hosting the prestigious ICC event in 2012. This event is held annually somewhere in the world and attracts over 1000 registrants. Winning this event will undoubtedly help our engineers, the industry, and Ottawa as a whole. Your contribution will be appreciated - contact RaedAbdullah@ieee.org

B. IEEE News

1. New IEEE Senior Members in the Ottawa Section

No A&A meetings results were announced since August 2008

IEEE Senior Member Program Page:

<http://www.ieee.org/web/membership/senior-members/index.html>

For details and updated news about Senior Membership elevation in Ottawa, visit IEEE Ottawa Section Senior Members Page

<http://ottawa.ieee.ca/sm>

2. TITLE: The 2nd Climate Change Technology Conference 2009

SPEAKERS: on the web site.

Date: May 12, 2009 - May 15, 2009

TIME: <http://www.cctc2009.ca>

Location: The CCTC2009 will be held on the campus of McMaster University in Hamilton, Ontario, Canada.

PARKING: <http://www.cctc2009.ca>

ADMISSION: <http://www.cctc2009.ca>

REGISTRATION: <http://www.cctc2009.ca>

ORGANIZED BY: The CCTC2009 is organized by the Engineering Institute

of Canada (EIC) in association with nine of its member societies.

DETAILS: <http://ieee.ca/news/2008/jun2008.htm> and

<http://www.cctc2009.ca>

CONTACTS: <http://www.cctc2009.ca> and click on Contact

ABSTRACT: The 2nd Climate Change Technology Conference (CCTC 2009)

is a Canadian/ international forum for engineers, scientists, policy advisors, industry and other stakeholders to share and exchange new information and ideas for dealing with climate change and global warming. It also provides an opportunity for participants to keep abreast of emerging techniques and technologies for the mitigation of, and adaptation to, the impacts of climate change.

The conference theme: Climate Change Deal with It! emphasizes the needs to develop practical engineering and administrative responses to address issues associated with the impacts of climate change and global warming. For more details, visit the "Call for Papers" page.

C. Non-IEEE News and Events/Announcements

1)NATO Advanced Study Institute 2008 workshop in Laser Control & Monitoring in New Materials, Biomedicine, Environment, Security & Defense, will be held November 25th to December 5th, 2008 in Ottawa, Canada, at Crowne Plaza Hotel.

The ASI is organized by the Center of Research in Photonics (University of Ottawa). An international faculty of world renowned researchers will teach various aspects of both fundamental and applied research in recently emerged directions of laser physics, fusion, combustion, photobiology and biomedicine, nanotechnology and material processing to advanced PhD students and postdoctoral fellows from industry, university and government laboratories. Advanced Study Institute Co-Directors: Professor Dr. Trevor J Hall, University of Ottawa, Dr. Sergey V. Gaponenko, National Academy of Sciences of Belarus Scientific Program Co-Chairs: Dr. Paul Corkum, University of Ottawa/National Research Council of Canada, Dr. Albert Stolow, National Research Council of Canada

Website: <http://www.photonics.uottawa.ca/nato-asi-2008/>
Application deadline: September 1, 2008 (ICIP/CIPi will be providing partial registration fees, value of \$1000, for students. You can download this grant application forms from www.cipi.ulaval.ca.

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