

December 2008

IEEE OTTAWA NEWSLETTER - December 2008

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A. IEEE Ottawa Section Events/News

1. TITLE: Overview of the Self-healing Autonomous Sensor Network (SASNet) Project

SPEAKER: Louise Lamont, Research Manager, Mobile Ad hoc and Sensor

Network Systems, Communications Research Centre, Industry Canada

DATE: Tuesday, December 2, 2008,

TIME: 2:00 PM - 3:00 PM

LOCATION: University of Ottawa, School of Information Technology and Engineering (SITE-5084), Boardroom, 5th floor, 800 King Edward Avenue, Ottawa, Ontario, Canada

ADMISSION: Free Registration. Please contact in advance to reserve seats.

REFRESHMENTS: Will be served 15 minutes before the start of the meeting.

ORGANIZED BY: Joint Chapter of Signal Processing, Oceanic Engineering, and Geoscience and Remote Sensing

ABSTRACT: This presentation gives an overview of the Self-healing Autonomous Sensor Network (SASNet) project that is being developed jointly by the Communications Research Centre and DRDC - Canada. Wireless sensor networks can be used for many applications, including environmental areas such as monitoring for seismic activity, creating industrial efficiencies, traffic control, security and military operations and even improved health care. The SASNet project proposes to meet these requirements through the development of an easily deployable self-healing network of distributed, self-configurable, taskable and manageable wireless sensors. The concept is to employ large numbers of different types of basic, inexpensive, expendable sensors (e.g. acoustic, seismic, passive infrared and magnetic) that form a network to cue more complex, expensive sensors including electro-optical imaging devices, thereby providing the tactical user with access to wide range of complementary sensor data.

Contact to reserve seats: balasing@site.uottawa.ca

Joint Chapter of Signal Processing, Oceanic Engineering, and Geoscience and Remote Sensing

2. TITLE: Soft Computing for Sensor and Algorithm Fusion

SPEAKER: James M. Keller, Professor, University of Missouri-Columbia (IEEE Fellow and CIS Distinguished Lecturer)

DATE: Thursday December 18, 2008

TIME: 10:30 - 12:00

LOCATION: Building M-50, NRC Auditorium, 1200 Montreal Road

ADMISSION: free

ORGANIZED BY: IEEE Computational Intelligence Society- Ottawa Chapter

CONTACT: Rami Abielmona, rabelmo@ieee.org

ABSTRACT: This is an IEEE Computational Intelligence Society - Ottawa

Chapter Distinguished Lecture. Refreshments will be served, and the lecture will be followed by the chapter's annual chapter meeting(AGM)

3. 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.

4. 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

Following members were elevated to Senior Member status in October 2008

- * Abdullah, Raed Member of Power Engineering Society and Reliability Society
- * Bolic, Miodrag Member of Signal Processing Society
- * Legault, Stephane Member of Antennas & Propagation Society
- * Montuno, Delfin Member of Communications Society
- * Ono, Yuu Member of EMB Society and Ultrasonics, Ferroelectric & Frequency Control Society

* Vant, Malcolm Aerospace & Electronic Systems Society
GepSciences & Remote Sensing Society
Signal Processing Society

Following members were elevated to Senior Member status in November 2008

- * Kropp, Carl Member of Power and Energy Society
- * and Industrial Applications
- *
- * Congratulations for elevation to IEEE Senior member grade!
- *
- * 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.

3. The First "Women in Electromagnetics (WiEM)" Workshop will be held

at the University of Utah, in Salt Lake City, Utah June 5 - 8, 2009.

The workshop will feature sessions covering many topics of current interest in electromagnetics and antennas. A training session on the use of the ANSOFT simulation package, in addition to sessions related

to career development will also be included in the program.
The name WiEM suggests ONLY that most of the lecturers will be female,
but all participants are very welcome to the workshop.

All participants are asked to present a poster on their research. An abstract of the poster needs to be submitted along with the registration form. Details are provided on the WiEM Workshop website.
<http://wiem.eecs.ucf.edu>

The registration fee is \$120 and the registration deadline is January 23,2009.

Some funds are available for covering domestic travel and expenses for the participants. Due to limited seating, the registration may close early. The Workshop is sponsored by the IEEE Antennas and Propagation Society.

C. Non-IEEE News and Events/Announcements
Nothing to report

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