

## January 2008

### IEEE OTTAWA NEWSLETTER - January 2008

Editor: Yousof Pakzad, P.Eng., SMIEEE, pakzad@ieee.org

Email: ottawanews@ieee.org

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#### IN THIS ISSUE:

##### A. IEEE Events

1. Technical Seminar of IEEE Ottawa EMBS Chapter, January 17, 2008
2. IEEE Ottawa Chapter AESS Seminar, January 22, 2008
3. Seminar by Joint IEEE Ottawa-Montreal Section DEIS Chapter, January 24, 2008
4. 21st Annual IEEE Canadian Conference on Electrical and Computer Engineering  
May 4 to 7, 2008, Niagara Falls, Ontario, Canada

##### B. IEEE News

1. IEEE Ottawa Section Awards – 2007
2. New Senior IEEE Members in the Ottawa Section

##### C. Manage Your Subscription

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##### A. IEEE Events

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1. Technical Seminar of IEEE Ottawa EMBS Chapter, January 17, 2008  
Organizer: IEEE Ottawa EMBS Chapter  
Topic: Recent Advances in Phylogenetics  
Speaker: Professor. Xuhua Xia, Department of Biology, and School of Information Technology and Engineering, University of Ottawa

Date and Time: January 17, 2008, 3:00 - 4:30 p.m.  
Location: Carleton University, Minto Center 2014  
URL: <http://www.ottawa.ieee.ca/embs/>  
Contact: Dr. Sreeraman Rajan, [sreeraman@ieee.org](mailto:sreeraman@ieee.org)

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2. IEEE Ottawa Chapter AESS Seminar, January 22, 2008  
Organizer: IEEE Ottawa Chapter AESS & IET-UK Ottawa Network - joint  
Topic: MEOSAR - a 21st Century Satellite System for Search & Rescue  
Speaker: Jim King of the Communications Research Centre, Ottawa  
Date and Time: Tuesday 22 January 2008, 8:00 PM to 9:30 PM  
Location: RA Centre, 2451 Riverside Drive, Courtyard B Room  
URL: <http://members.allstream.net/~max-com/ottawa.AESS.html>  
Contact: Hugh Reekie, [h.reekie@ieee.org](mailto:h.reekie@ieee.org)  
Description: The new MEOSAR system, will be described. It overcomes many difficulties experienced with previous Sarsat systems. The presentation will include details of the constellation configuration, including spacecraft pictures, graphics and some satellite orbit animations.

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3. Seminar by Joint IEEE Ottawa-Montreal Section DEIS Chapter, IEEE Ottawa PES Chapters, and EPMG of INMS/NRC, January 24, 2008  
Topic: Luminescence and Space Charge Distribution in Polymeric Insulation subjected to High Electric Field  
Speaker: Dr. Soli Bamji, National Research Council, Ottawa  
Date: January 24, 2008,  
Time: Registration and Networking: 10:40 a.m.  
Seminar: 11:00 a.m. – 12:00 p.m.  
Location: Building M-36, Kelvin Room, National Research Council, 1200 Montreal Road, Ottawa, ON  
PARKING: No fee at the visitor's parking. Please respect restricted areas.  
Admission: Free. Registration required for security reasons.  
To ensure a seat, please register by e-mail contacting:  
[Mahmoud.Abou-Dakka@nrc.ca](mailto:Mahmoud.Abou-Dakka@nrc.ca)

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#### 4. 21st Annual IEEE Canadian Conference on Electrical and Computer Engineering

May 4 to 7, 2008, Niagara Falls, Ontario, Canada

CCECE is a flagship conference for researchers, students, and practising engineers in the area of Electrical and Computer Engineering from Canada and around the world to meet annually for 3 to 4 days in a Canadian city to present the latest technological advancements and discoveries, to network and exchange ideas, to strengthen existing partnerships and foster new collaborations.

CCECE 2008 will feature 8 mini-symposia covering all areas of Electrical and Computer Engineering, tutorial sessions in leading topics, plenary talks from senior executives in industry and academia, around 90 technical sessions, special sessions in hot topics, social programs, IEEE Canada Awards and Banquet

night, best student paper awards luncheon, and industrial exhibitions.

You can participate in CCECE 2008 in many ways: by submitting your original research results as a full length technical paper, by submitting tutorial proposals, by organizing a special session, and by attending the plenary talks,

tutorials, panel discussions and nearly 90 technical sessions planned for May 4 to May 7, 2008.

Information on submission of technical papers, tutorial proposals, special sessions proposals are in the weblinks of the main conference website [www.ccece08.org](http://www.ccece08.org)

The deadline to receive papers and tutorial proposals are December 7, 2007.

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## B. IEEE News

### IEEE Ottawa Section Awards – 2007

The following individuals and organizations received awards in the IEEE Ottawa AGM 2007, held on November 28, 2007:

#### 1. IEEE Ottawa Section members:

- Dr. Voicu Groza, P.Eng., SMIEEE for his leadership in establishing the international Noninvasive Blood Pressure Measurements & Standardization initiative.
- Preeti Raman for developing and providing on-line registration for the Section activities.
- George Yee for his long term contribution as Chair of the Computer Society Chapter.
- Kexing Liu for his contribution as Secretary of the Section in 2006-2007.
- Yousof Pakzad for his contribution to the Section electronic newsletter.
- Vijay Narasimhan for his contribution to the Section membership development.

#### 2. IEEE Ottawa Chapters/AGs/Committees:

- The Antennas & Propagation Society and Microwave Theory & Techniques Society Joint Chapter for its outstanding performance in 2007.
- The Robotics Competition Committee for its outstanding performance in 2007.
- The Electron Devices Society, Circuits and Systems Society, and Solid-State Circuits Society Joint Chapter for its outstanding performance in 2007.

#### 3. IEEE Ottawa Student Branch:

- IEEE Algonquin College Student Branch for its outstanding performance in 2007

#### 4. IEEE Ottawa AGM 2007 Keynote Speaker:

- Mr. Paul Bush for his contribution to the IEEE Ottawa Section as the AGM 2007 Keynote Speaker

#### 5. The best Ottawa power-tech/high-tech companies (Innovation & Technology Award):

- Brookfield Power for successful development and operation of hydroelectric green power generating stations.
- Group IV Semiconductor Inc. for innovation and development of lamps using silicon thin-film emitter technology (Solid State Lighting).
- Thermal Energy International Inc. for innovative technology and providing custom energy and emission reduction solutions.
- International Datacasting for providing innovative products for distribution of audio, video and data via satellite systems.
- Nakina Systems for providing innovative management solutions to telecommunications and data networks.
- Senstar Stellar Corporation for innovative solutions and providing outdoor perimeter intrusion detection sensors and security systems.
- Telesat for innovative solutions and providing the most reliable, secure satellite communications.

#### 6. The Ottawa organizations/companies recognized at the AGM:

- Biosign Technologies Inc. for supporting and sponsoring the IEEE Ottawa Section activities
- Ontario Centres of Excellence for building strong industry and academic R&D relationships and accelerating the commercialization of innovations

Other IEEE Awards – 2007:

7. The Ottawa organizations/companies (Corporate Friend of IEEE Award

by IEEE Canada):

- Hydro Ottawa Limited for valuable and continuous support for the IEEE Canada activities.
- Algonquin College for valuable and continuous support for the IEEE Canada activities.

8. The IEEE Fellow Award by IEEE:

- Paris Vachon for contributions to operational marine applications of imaging radar.
- Barry Wood for contributions to fundamental electrical measurement standards.
- Andrew Podgorski for contributions to broadband immunity and compatibility certification.
- Charles Woodside for contributions to real-time software system performance engineering.
- Hui Liu for contributions to resonant tunneling and intersubband quantum devices.

9. Recognition by IEEE Canada:

- John Rakos for providing and presenting webinar seminars.
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2. New Senior IEEE Members in Ottawa Section

The following IEEE member was elevated to the Senior Member status at the December 2007 Senior Member Elevation Review Panel Meeting.

\* Stoyan Tanev

Congratulations for elevating to IEEE Senior member grade!

IEEE Senior Member Program Page:

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

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