

September 2007

IEEE OTTAWA NEWSLETTER - September 2007

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A. IEEE Events

1. IEEE LEOS 30th Anniversary Feature Symposium on Recent Advancements in Photonics
Date and Time: Friday, September 14, 2007, 8:30 AM -noon
Location: M-50, NRC Main Campus, Montreal Road, Ottawa
Feature Speaker – LEOS Distinguished lecturer, Dr Colin J. McKinstrie, Bell Laboratories
Registration will be open up soon.
Contact: kexing.liu@ieee.org
-

2. 41st IEEE International Carnahan Conference on Security Technology, ICCST
Date & Time: October 8-11, 2007
Location: Hampton Inn, 100 Coventry Road, Ottawa, ON
Register Today!

This international conference is directed towards the research, development, and user aspects of electronic security technology, including principles of operation, applications, and user experiences. It is a forum for the exchange of ideas and dissemination of information regarding new and existing technology, as well as the impact of security-related technology on society. Participation in the Carnahan Conference also provides a basis for long-range support and assistance to authorities and agencies in the use of technology for

security,
safety, law enforcement, and emergency response purposes.

Details:

http://www.carnahanconference.com/Conferences/2007_Ottawa/2007_ottawa.html

3. The 2007 International Workshop on RObotic and Sensors Environments (ROSE 2007)

Organizer: IEEE Instrumentation and Measurement Society

Date: October 12-13, 2007

Location: SITE, University Of Ottawa, Ottawa, Canada

URL: <http://www.site.uottawa.ca/ROSE2007>

4. The 6th IEEE International Workshop on Haptic Audio Visual Environments and Games (HAVE2007)

Date: October 12-14, 2007

Location: SITE, University Of Ottawa, Ottawa, Canada

URL: <http://www.discover.uottawa.ca/HAVE2007/>

5. IEEE FPGA WORKSHOP 2007: Accelerating Computationally Intensive Applications

Organizers: IEEE Ottawa Section, the IEEE Ottawa chapter of the Engineering

Management Society, and the IEEE Ottawa Section Educational Activities, in conjunction with CMC Microsystem's CWSOC 2007.

Confirmed Speakers:

- * Denzel Doyle, Chair of Doyletech
- * Dr. Justin Tripp, Los Alamos National Labs, New Mexico
- * Prof. Paul Chow, Toronto University, Ontario
- * Prof. Russell Tessier, University of Massachusetts-Amherst

Preliminary Program:

1- "FPGA design flows & programming competition kick-off"

Date and Time: Tuesday, October 16, 2007, 4:30Pm - 9:15 pm

Location: Carleton University, Mckenzie Building, Bell Auditorium.
Parking Pay-parking at lot P2. Please respect restricted areas.

2- "Innovation implementation: challenges and rewards"

Date and Time: Wednesday, October 17, 2007, Noon-4:00 pm

Location: Crown Plaza Hotel, Ottawa, ON TBD.

Parking Pay-parking

Contact: Alfredo Herrera, alfredo.herrera@ieee.org

URL: <http://ottawa.ieee.ca/ems/fpgaworkshop>

Description:

Using Field Programmable Gate Array (FPGA) chips as processing engines

is a growing and fertile application field; FPGAs perform particularly well when used to accelerate computationally intensive applications.

We will examine the business and technology elements of its ecosystem

as an entrepreneur would, incorporating demonstrations and presentations

to increase understanding and knowledge of FPGAs and encourage growth and development in the field.

6. IEEE Canada Electrical Power Conference (EPC) 2007

Sponsored by: IEEE Canada, IEEE Ottawa Section and IEEE Montreal Section

Organized by: IEEE Ottawa and Montreal Sections

Date & Time: Thursday-Friday, October 25-26, 2007, 8:00 AM - 5:00 PM

Location: Holiday Inn, 99 Viger Ave., Montreal

Registration and Details: <http://www.ieee.ca/epc07/>

The IEEE Ottawa Section is proud to announce that its previous six annual Electrical Power Symposium have grown into an IEEE Canada Electrical Power Conference (EPC) 2007, which will focus this year on "Renewable and Alternative Energy Resources". The EPC 2007 is a forum in which the latest information and ideas related to this topic, which has been receiving a lot of attention in the recent years worldwide,

will be exchanged among the experts, professionals from the engineering and business communities, and general public. Join us at the IEEE EPC 2007 on Oct. 25-26 in Montreal as an author/presenter, exhibitor, or attendee!

7. 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

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

B. IEEE News

1. IEEE Canada Election for IEEE Canada President Elect 2008 -2009
IEEE Canada Members will soon be receiving ballots for the upcoming fall election for IEEE Canada President Elect 2008 -2009.

The IEEE Ottawa Section encourages its member to vote for one of the following three candidates for the position of IEEE Canada President Elect 2008 – 2009:

Robert L. Anderson About the Candidate ;
<http://members.shaw.ca/rlaieee>
O.(Om) P. Malik About the Candidate ; No personal website
Hilmi M. Turanli About the Candidate ; www.mts.net/~joanald/

For more information about all 2007 IEEE Annual Election Candidates, please visit:
<http://www.ieee.org/web/aboutus/corporate/election/2007candidates.html>

2. IEEE Mentoring Connection™ Seeks New Members

The IEEE Mentoring Connection is seeking additional “online” mentors to help guide younger professionals in career planning and professional development.

IEEE is offering its members the opportunity to participate in an online program which will facilitate the matching of IEEE members for

the purpose of establishing a mentoring partnership. By volunteering as a mentor, individuals use their career and life experiences to help other IEEE members in their professional development. As a mentee, you lead your partnership by selecting your mentoring partner from among those who have volunteered to serve in this capacity. We ask that you review the time and effort commitment to the program to ensure a successful mentoring partnership.

IEEE has partnered with The Training Connection, a vendor that has developed a web-based mentoring program to facilitate the matching process.

Participation in the program is voluntary and open to all IEEE members above the grade of Student Member.

More information:

<http://www.ieee.org/web/membership/benefits/>

<http://www.ieee.org/web/aboutus/briefs.html#mentoring%20members>

C. Non-IEEE News and Events

1. High-Speed Design Courses by Dr. Howard Johnson in Ottawa

1.1- High-Speed Digital Design – September 17-18

1.2- Advanced High-Speed Signal Propagation – September 19-20

Location: Brookstreet Hotel, 525 Legget Drive, Ottawa, Ontario K2K 2W2

Details and Registration: <http://www.sigcon.com/seminars/Ottawa.htm>

IEEE members get a 10% discount off the regular \$1195 tuition!
Use the Promo Code: IEEE97 and enter your IEEE Membership number on your registration form.

About Dr. Howard Johnson

Dr. Johnson has over thirty years of practical design experience in the field of

High-Speed Digital Design. He has served as a key technological contributor for

many leading high-tech companies, is a frequent guest lecturer and fellow at

Oxford University, and the featured Signal Integrity columnist for EDN Magazine.

His two books- "High-Speed Digital Design" and "High-Speed Signal Propagation"—are

considered the definitive texts on high-speed design. His High-Speed Design

seminars reach over 1,000 engineers annually. Dr. Johnson holds a doctorate in

Electrical Engineering from Rice University. He has been a member of IEEE for

over 25 years.

2. Short Course on Antenna Design, Testing and Wireless Propagation

Organizer: Electromagnetic Measurement Consultants

Date: 1 – 4 October 2007

Time: 9:15 AM to 5:00 PM

Location: International Institute for Telecommunications (IIT), Montréal, QC, Canada

Contact = mcnamara@site.uottawa.ca

URL: <http://www.nearfield.com/ShortCourses.htm>

3. OOPSLA 2007, October 21-25, 2007, Montreal, QC

OOPSLA (Object-Oriented Programming, Systems, Languages & Applications)

is an annual ACM conference.

Location: Montreal, QC - details will be available later.

Co-located Events:

- * Dynamic Languages Symposium
- * International Symposium on Memory Management
- * WikiSym
- * Library-Centric Software Design Symposium
- * APL2007
- * Mini PLoP
- * CompFrame 2007

URL: <http://www.oopsla.org/oopsla2007/>

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