

October 2007

IEEE OTTAWA NEWSLETTER - October 2007

Editor: Yousof Pakzad, pakzad@ieee.org

Email: ottawanews@ieee.org

News Submission: <http://ottawa.ieee.ca/news/submit.html>

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A. IEEE Events

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1. 41st IEEE International Carnahan Conference on Security Technology, ICCST

Date & Time: October 8-11, 2007

Location: Hampton Inn, 100 Coventry Road, Ottawa, ON

Details:

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

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2. 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>

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3. HAVE 2007, The 6th IEEE International Workshop on Haptic Audio Visual

Environments and their Applications

Date: October 12-14, 2007

Location: SITE, University Of Ottawa, Ottawa, Canada

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

4. 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.

5. Ottawa IEEE Computer Society Technical Meeting

Title: Protecting Privacy by Spying on Users

Organizer: Ottawa IEEE Computer Society

Speaker: Andrew Patrick, Senior Scientist, Information Security Group
Institute for Information Technology, National Research Council Canada

Date and Time: October 17, 2007, 7:30 PM to 8:30 PM

Location: National Research Council, Institute for Information
Technology,

Building M-50, Room 115, 1200 Montreal Road, Ottawa, ON

Parking: Free

Contact: george.yee@nrc.ca

URL: <http://ottawa.ieee.ca/cs/>

6. IEEE Ottawa AP/MTT Seminar

Organizer: IEEE Ottawa AP/MTT and EDS/CAS/SSCS and Department
of Electronics,

Carleton University

Titles:

1. Minimizing Power Amplifier Memory Effects

2. Advances in Millimeter-wave Linearization

Speaker: Dr. Allen Katz, professor of Electrical Engineering at the
College of New Jersey

Date and Time: October 22, 2007, 1:00 PM to 3:00 PM

Location: Room 4124 Mackenzie Engineering Building (ME),
Department of

Electronics, Carleton University, 1125 Colonel By Drive, Ottawa, ON

Contact: qiubo.ye@crc.ca

7. IEEE Ottawa Computer Society Technical Meeting

Organizer: IEEE Ottawa Computer Society

Title: Business Value Driven Engineering and Management of Web
Services and
their Compositions

Speaker: Dr. Vladimir Tosic from NICTA, Australia

Date and Time: October 22, 2007, 7:30 PM to 8:30 PM

Location = Carleton University, Minto Centre, Board Room 2014 MC
(Campus Avenue at Library Road) Campus Map:

<http://www.carleton.ca/cu/campus/>
URL: <http://ottawa.ieee.ca/cs/>
Contact: g.m.yee@ieee.org

7. 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!

8. 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. Ottawa Section Life Member Affinity Group was officially inaugurated on Oct. 4, 2007

at a very successful founding meeting at the NRC sponsored by the IEEE Ottawa Section.

A big thanks goes to Ron Potts, Dr. Hussein Mouftah, Dr. Branislav Djokic and all

who participated in the meeting.

The meeting was opened by Dr. Husein Mouftah and welcomed by the Section Chair

Dr. Wahab Almuhtadi and followed by election then concluded by Ron Potts with his

very interesting presentation on Ontario Hydro Tunnel Project. David Coll was

elected Chair and John Wilson Vice Chair for the Ottawa Section Life Member

Affinity Group . There were 18 Ottawa life members as well as the Section Chair

and Past Chair attending. Dr. Hussein Mouftah was the Organizing Chair.

3. Free IEEE Communications Society Conference tutorials!

IEEE Communications Society's Enhanced Conference Tutorial

Program presents a

collection of recent tutorials given at Communications Society

sponsored conferences

-- INFOCOM, IEEE GLOBECOM, ICC, IM, NOMS, WCNC and ENTNET, SECON, PIMRC, CCNC, MILCOM.

Each tutorial reviews current communications topics in network management and computer and wireless communications. Available tutorials, which are 2.5 to 5 hours in length, contain the original visuals and voice-over by the presenter.

This month's free tutorials:

1-NEW Software Radio Implementation for MIMO/OFDM High-Speed Wireless LAN/MAN

with Space-Time Coding and BLAST Technologies

Weidong Xiang, University of Michigan, Dearborn

2-Looking Ahead: Technology Evolution and the Biz of Telecommunications

Roberto Saracco

3-Trends in Communications - An Environment Overview

Celia Desmond

You can also view the entire list of available tutorials (free tutorials as well

as those available for purchase) at: <http://www.comsoc.org/tutorials/>

4. 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. CMC Microsystem's Canadian Workshop on System-on-Chip (CWSOC)

A Collocated Event with the IEEE FPGA Workshop 2007

Organizer: CMC Microsystems

Date and time: October 17, 2007, 8:00 AM to 1:00 PM

Location: Crowne Plaza Hotel, 101 rue Lyon Street, Ottawa, ON K1R 5T9

Phone: 1.613.237.3600

URL: http://www.cmc.ca/cwsoc_2007/

Contact: pollitt-smith@cmc.ca

Description: We are pleased to invite you to CMC Microsystems' Canadian Workshop

on Systems-on-Chip. This event is collocated with the IEEE-Ottawa FPGA Workshop.

Applications of interest for the CWSOC include telecommunications, biomedical

and health care, and aerospace.

The program will include invited talks by industrial and academic experts. We

invite university, government and industry researchers, particularly graduate students, to participate.

2. 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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