

April 2008

IEEE OTTAWA NEWSLETTER - April 2008

Email: ottawanews@ieee.org

Editor: Khalid Mahmood Email: kmahmood@ieee.org

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A. IEEE Ottawa Section Events

1. TITLE: A Platform-based Approach to System Prototyping

SPEAKER: Hugh Pollitt-Smith, Senior Engineer, Systems Design at CMC Microsystems

DATE: Tuesday April 15th, 2008

TIME: 9:30 - 11:00

LOCATION: Room 5084, SITE Building, University of Ottawa

PARKING:

ADMISSION: Free of charge

REGISTRATION:

ORGANIZED BY: IEEE Computer Society - Ottawa Chapter

CONTACT: Rami Abielmona, rabiemo@ieee.org

ABSTRACT: Can be found at the following URL

http://ottawa.ieee.ca/cs//index.php?option=com_content&task=view&id=34&Itemid=37

2. TITLE: Energy From the Sun: Practical Photovoltaics

SPEAKER: Raye Thomas, LSM

DATE: Thursday, April 24, 2008

TIME: 19:30 - 21:30

LOCATION: Good Companions Building, 670 Albert St., Ottawa
South-East corner of Wellington/Slater/Albert and Empress

PARKING: Free - behind building, off Empress

ADMISSION: Free - Light refreshments.

ORGANIZED BY: IEEE Ottawa Section Life Members Affinity Group

CONTACT: Dave Coll, dccinfo@sympatico.ca, 613-225-4229

ABSTRACT: Convivial conversation with old friends, colleagues, and acquaintances - talk by Raye Thomas on the current state of photovoltaics and the practical applications of solidstate energy sources.

3. TITLE: 2008 IEEE International Workshop on MEDical MEasurements and Applications (MeMeA)

SPEAKERS: from Industry, Research Institutions, and Academia

DATE: May 9 - 10, 2008

TIME: on the website <http://memea.ieee-ims.org/>

LOCATION: SITE, University of Ottawa, Ottawa

PARKING: on the website <http://memea.ieee-ims.org/>

Admission: on the website <http://memea.ieee-ims.org/>

REGISTRATION: To ensure a seat for this Workshop, please click here
<http://memea.ieee-ims.org/registration.php>

ORGANIZED BY: IEEE Ottawa Instrumentation and Measurement
Chapter

CONTACTS: Voicu Groza and Chris Dyer

ABSTRACT: not applicable/not provided

B. IEEE News

1. New IEEE Senior Members in the Ottawa Section

The Following members were upgraded to Senior Member status in February 2008.

* Benjamin, Guy -- i)Consumer Electronics Society

ii)Electromagnetic Compatibility Society

iii)Technology Management Society

* Franklin, C -- Society Unknown/Winner of Julian C. Smith medal from EIC

* Wang, Demin -- Broadcast Technology Society

Congratulations for elevation to IEEE Senior member grade!

IEEE Senior Member Program Page:

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

2. TITLE: Canadian Conference on Electrical and Computer Engineering

SPEAKERS: on the website <http://www.ieee.ca/ccece08>

DATE: May 4 - 7, 2008

TIME: on the website <http://www.ieee.ca/ccece08>

LOCATION: Sheraton Fallsview, Niagara Falls, Ontario, Canada

PARKING: on the website <http://www.ieee.ca/ccece08>

ADMISSION: on the website <http://www.ieee.ca/ccece08>

REGISTRATION: on the website <http://www.ieee.ca/ccece08>
ORGANIZED BY: IEEE Canada, and Toronto Section
CONTACTS: Conference Secretariat, CCECE 2008, IEEE Canada, PO
Box 63005,
University Postal Outlet, 102 Plaza Drive, Dundas, ON, L9H 4H0 ,
DETAILS: <http://www.ieee.ca/ccece08>
CONTACTS: Conference Secretariat, CCECE 2008, IEEE Canada, PO
Box 63005,
University Postal Outlet, 102 Plaza Drive, Dundas, ON, L9H 4H0 ,
Ph/Fax: (905) 628 - 9554, Email: admin@ieee.ca
ABSTRACT: Not applicable/Not provided

3. TITLE: Electrical Power & Energy Conference (EPC 2008) "Energy
Innovation"
SPEAKERS: on the website <http://www.ieee.ca/epc08>
DATE: October 6 - 7, 2008
TIME: on the website <http://www.ieee.ca/epc08>
LOCATION: Vancouver, British Columbia, Canada
PARKING: on the website <http://www.ieee.ca/epc08>
ADMISSION: on the website <http://www.ieee.ca/epc08>
REGISTRATION: on the website <http://www.ieee.ca/epc08>
ORGANIZED BY: IEEE Canada, Vancouver Section and BC Hydro
TECHNICAL SPONSER: IEEE Ottawa Section
DETAILS: <http://www.ieee.ca/epc08>
CONTACTS: Ebrahim Vaahedi and Moe Kia
ABSTRACT: Not applicable/Not provided

4. TITLE: 2008 IEEE International Carnahan Conference on
Security Technology (ICCST), Prague, Czech Rep.
SPEAKERS: <http://www.ieee.org/iccst08>
DATE: October 13 - 16, 2008
TIME: <http://www.ieee.org/iccst08>
LOCATION: Diplomat Hotel Prague, Czech Republic
PARKING: <http://www.ieee.org/iccst08>
ADMISSION: <http://www.ieee.org/iccst08>
REGISTRATION: <http://www.ieee.org/iccst08>
ORGANIZED BY: IEEE Czechoslovakia Section & IEEE Aerospace and

Electronic
Systems Society
TECHNICAL SPONSER: IEEE Ottawa Section
DETAILS: <http://www.ieee.org/iccst08>
CONTACTS: Milo Klíma and Gordon Thomas
ABSTRACT: Not applicable/Not provided

5. A Report on Hugh's Presentation of March 18, 2008

"Hugh Reekie presented "Mechanical Reliability in Electronics: A lifetime of strange failures and conditions" to 21 members and three non-members on March 18th at Algonquin College. Using examples, Hugh showed how we, as engineers, can become distracted with complicated tools and metrology when solving a problem and lose the simple or evident signs and solutions. The reassuring advice from experience was that its okay to resist the pressure and solve problems after a good rest as time helps the mind understand the options, benefits and risks for choosing the better solution. He then spent the majority of the time demonstrating how problems in electronics are primarily mechanical based not electrical, and how some mechanical problems have been overcome throughout history and throughout his career."

C. Non-IEEE Events

1. TITLE: "The History of Flight and the Future of Aviation"
as part of The Ottawa Flying Club Annual Wings Dinner and 80th Anniversary celebration.
SPEAKER: Burt Rutan, Aerospace Engineer and Winner of the Ansari \$10 Million X-Prize
DATE: Wednesday May 14, 2008

TIME: Cocktail (18:00), Dinner (19:00)
LOCATION: Cleo Banquet Hall; 156 Cleopatra Drive (near Merivale & Hunt Club) Ottawa, ON www.cleobanquethall.com
PARKING: FREE
ADMISSION: \$80/ticket or \$1,000/ table sponsorship
REGISTRATION: 613-523-2142 or Dispatch@ofc.ca with the subject line
"Burt Rutan Tickets"
ORGANIZED BY: The Ottawa Flying Club www.ofc.ca
CONTACT: Marc Desjardins, Vice-President (613) 580-2424 x 28821
Marc.Desjardins@ottawa.ca

ABSTRACT: The Ottawa Flying Club is proud to welcome Burt Rutan as their Keynote speaker during their Annual Wings Dinner banquet, celebrating the graduation of newly licensed Private and Commercial Pilots. Mr. Rutan has been quoted as being "The man responsible for more innovations in modern aviation than any living engineer."
Burt Rutan has set an important example for scientists, engineers and inventors in all disciplines to be bold in their scientific and technological innovation efforts. Throughout his distinguished career, he has demonstrated the extraordinary difference that a creative spirit, driven by curiosity, can make to the advancement of humankind.
<http://www.ted.com/index.php/speakers/view/id/5>

2. TITLE : Short Course on Antenna Design, Testing & Wireless Propagation
SPEAKERS : Gilles Delisle, Daniel Janse van Rensburg & Derek McNamara
DATE : 2 - 5 June 2008
TIME : 08:30 - 16:30 Each Day
LOCATION : Campus of the University of Ottawa . Details of venue will be sent upon registration.
PARKING : Details will be sent upon registration.
ADMISSION : Please consult
<http://www.nearfield.com/ShortCourses.htm>
REGISTRATION : Please consult
<http://www.nearfield.com/ShortCourses.htm>
ORGANIZED BY: Electromagnetic Measurement Consultants

CONTACT : Derek McNamara, School of Information Technology & Engineering (SITE),
University of Ottawa . Tel : +1 (613)562-5800 Ext.6221
E-Mail : mcnamara@site.uottawa.ca
ABSTRACT : This short course will provide an introduction to antenna concepts,
design and testing., as well as associated wireless propagation modeling. It is
intended for engineers and technicians who want to obtain a better understanding
of antennas, and the physical concepts that describe their operation and characteristics. The course will consist of lecture presentations on general
concepts applicable to all antenna types, as well as discussions on specific
antennas in order to appreciate the application of such concepts.

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