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IEEE OTTAWA NEWSLETTER - JULY 2010

Email: ottawanews@ieee.org

Editor: Khalid Mahmood (M'89 SM'08) <http://web.ncf.ca/fi942>

Email: kmahmood@ieee.org

News Submission: write an email to the editor as per the adopted format

IEEE Ottawa Section Website: <http://ottawa.ieee.ca/>

Newsletter on the Web: <http://ottawa.ieee.ca/news/>

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1. TITLE: Recent Trends in Software Testing: bridging Industry and Academia

SPEAKER: Dr. Vahid Garousi, Southern Alberta IEEE Computer Chapter

Chair and Assistant Professor of Software Engineering at the University of Calgary

DATE: Wednesday July 14, 2010

TIME: networking/refreshment (18:00-18:30); seminar (18:30-20:00)

LOCATION: Room 5084, SITE Building, University of Ottawa – 800 King Edward Ave.

PARKING: Must check street parking signs

ADMISSION: Free

REGISTRATION: rabiemo@ieee.org

ORGANIZED BY: IEEE Computer Society Ottawa Chapter
(<http://ottawa.ieee.ca/cs>)

CONTACT: Rami Abielmona, rabiemo@ieee.org

ABSTRACT: In this talk, we will discuss the recent trends in software testing, present the relevant tools and techniques designed and built by the researchers at the University of Calgary's Software Quality Engineering Research Group (SoftQual), and discuss the collaborations' prospects between the software testing industry and academia.

2. TITLE: Advances in Radar Systems

SPEAKER: Dr Jian Wang, Raytheon Canada, Waterloo, ON

DATE: Wed 14 July 2010

TIME: 7.30pm - 9.30pm

LOCATION: The Crowsnest, Naval Officer's mess, 78 Lisgar St

PARKING: on-street parking: approach via Cartier St northbound

ADMISSION: No charge, all welcome, cash bar

REGISTRATION: pre-registration to h.reekie@ieee.org appreciated

ORGANIZED BY: AEES Ottawa Chapter

CONTACT: Hugh Reekie h.reekie@ieee.org or 613-728-5343

DETAILS: <http://www3.bell.net/max-com/ottawa.AEES.html#14Jy2010.Wang.2xRadar>

ABSTRACT #1 Signal Processing & Advances in Primary Surveillance Radar (PSR). Since 9/11, PSR has increased and more demanding roles. A 68-station L-band radar network is being upgraded with new hardware and improved algorithms.

ABSTRACT #2 Wind Farm Clutter Mitigation Techniques in Air Traffic Control Radars. Wind turbine blades return signals similar to those of aircraft. The presentation proposes a "clean" solution to mitigate this echo return problem.

3. TITLE: Bistatic Radar - Past, Present and Future

SPEAKER: Dr Hugh Griffiths, Shrivenham Defence College, UK

DATE: Thurs 15 July 2010

TIME: 7.30pm - 9.30pm

LOCATION: The Crowsnest, Naval Officer's mess, 78 Lisgar St

PARKING: on-street parking: approach via Cartier St northbound

ADMISSION: No charge, all welcome, cash bar

REGISTRATION: pre-registration to h.reekie@ieee.org appreciated

ORGANIZED BY: AESS Ottawa Chapter

CONTACT: Hugh Reekie h.reekie@ieee.org or 613-728-5343

DETAILS : <http://www3.bell.net/max-com/ottawa.AESS.html#griffiths-15Jy2010>

ABSTRACT: Numerous Bistatic Radar Systems are presently being built and evaluated. The talk will cover history from pre-WWII, including the German "Klein Heidelberg" network, along with examples of present-day research and current interest for the future. Dr Griffiths is an IEEE-AESS Distinguished Lecturer.

4. IEEE Ottawa Section Conference Co-Sponsorships and Career Fairs

Please check the respective website for details on call for papers, deadlines, and other updates.

4.1. 2010 - 14th International Symposium on Antenna Technology and Applied Electromagnetics [ANTEM] and the American Electromagnetics Conference [AMEREM] July 5-9, 2010 Fairmont Château Laurier

This event will bring together the two North American Electromagnetic Conferences, ANTEM and AMEREM. As per tradition the ANTEM conference will cover a broad range of topics in electromagnetics, antennas and related topics. AMEREM will continue their tradition of addressing research on “High Power Electromagnetics (HPEM)”, “Ultra-Wideband Short Pulse Electromagnetics (UWB SP)”, and “Unexploded Ordnance Detection and Range Remediation (UXO)”.

http://antem.ee.umanitoba.ca/antem_amerem2010/Home.html

4.2. 2010 International Symposium on Performance Evaluation of Computer and Telecommunication Systems (SPECTS) July 11-14, 2010 Crowne Plaza Ottawa Hotel

This annual international conference is a forum for professionals involved in performance evaluation of computer and telecommunication systems. <http://atc.udg.edu/SPECTS2010/>

4.3. 2010 Eight International Conference on Privacy, Security and Trust (PST 2010)" August 17-19, 2010 University of Ottawa

This year's theme is “Privacy, Security and Trust by Design: PbD - The Gold Standard.” With the growth and ubiquity of data in today's hyper-networked world, the need for trust has become more critical than ever. We need new paradigms that seek to integrate and build privacy, security and trustworthiness directly into technologies and systems from the outset and by default. <http://www.unb.ca/pstnet/pst2010/>

4.4. 2010 IEEE 72nd Vehicular Technology Conference: VTC2010 September 6-9, 2010 Westin Hotel

This semi-annual flagship conference of the IEEE Vehicular Technology Society will bring together individuals from academia, government, and industry to discuss and exchange ideas in the fields of wireless, mobile, and vehicular technology. Featured at this conference will be world-class plenary speakers, tutorials, and technical as well as application sessions. <http://www.ieeevtc.org/vtc2010fall/>

4.5. 2010 IEEE International Carnahan Conference on Security Technology (ICCST) October 12-15, 2010 Dolce Hayes Mansion Hotel, San Jose, CA, USA

The ICCST is a forum for researchers and practitioners in both new and existing security technology, providing an interchange of knowledge through paper presentations and publication of proceedings that have been selected by the ICCST organizing committee.

<http://www.ieee.org/iccst>

4.6. 2011 IEEE International Carnahan Conference on Security Technology (ICCST) October 11-13, 2011 "Tecnocampus Mararo Maresme Mataro, Spain"

Conference is directed toward research, development and user aspects of electronic security technology. <http://ieee.org/iccst>

4.7 IEEE Electrical Power and Energy Conference 2010 (EPEC 2010) August 25-27, 2010 Halifax Marriott Harbourfront Hotel, Halifax, NS, Canada.

The objective of EPEC2010 is to provide a forum for experts in Electrical Power and Energy to disseminate their recent research outcomes and exchange views on the future research directions of these fields, and to seek direct cross-fertilization in these areas. Special sessions will be organized. We will also invite renowned experts to give keynote speeches. <http://www.ieee.ca/epec10/>

Career Fairs

4.8. Ottawa Citizen Career Fair November 3, 2010 Hampton Inn & Conference Centre The Ottawa Citizen Career Fair welcomes Engineering and Hi-Tech professionals, preferably with a minimum of 2 years' experience.

A focus on opportunities from the Public and Financial Sectors, Healthcare, Retail, as well as General and Entrepreneurial Careers will also be featured at the Fair. Free Entry.

<http://www.ecarrieres.com/en/salons/ottawa/>

More Events ... as speakers are confirmed during the summer, the information will be posted on our website www.ottawa.ieee.ca plus, each chapter, affinity or committee will e-mail information to their respective interest group.

5. WELLNESS QUESTIONS -- YOUR OPINION COUNTS -- PLEASE RESPOND:

We need to ascertain the interest level for a wellness program with GoodLife Fitness in Ottawa. We request your cooperation to complete a 20 second survey at <http://www.surveymonkey.com/s/5X8S3ZS>

Note: GoodLife Fitness offers presently one other "affinity program" with CMA at http://www.cma.ca/index.php?ci_id=10043394&la_id=1
Depending on the responses from the survey above we may be able to offer an attractive corporate program for IEEE members.

Thank you for your cooperation!

For any more details about the program John Grefford can be contacted by e-mail: Grefford@ieee.org

B. IEEE News

1. New IEEE Senior Members in the Ottawa Section

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>

To date, the following have been elevated:

- Gaozhi (George) Xiao
- Osama Kubbar, Communications Society
- Richard Dansereau

- Shawn Nicholl
 - Roy Franks, Computer Society
 - Nima Ahmadvand, Computer Society
-

2. Call for Membership elevation to Senior Status:

IEEE Ottawa Section invites all eligible (briefly described below) members to become Senior Members (please visit <http://ottawa.ieee.ca/sm/>) at no fee. The benefits of Senior Member status:

- i. Recognition - professional recognition of your peers for technical and professional excellence.
- ii. Senior Member Plaque - an engraved plaque to be proudly displayed for colleagues, clients and employers to see.
- iii. US\$25 Coupon - can be used to join one new IEEE society.
- iv. Letter of Commendation - sent to your employer upon request
- v. Announcements – of the elevation achievement be made in section/ society and/or local newsletters, newspapers and notices.
- vi. Leadership Eligibility - eligible to hold executive IEEE volunteer positions.
- vii. Ability to Refer Other Candidates – can serve as a reference for other applicants for senior membership.
- viii. Review Panel – can be invited to be on the panel to review senior member applications.

The next meeting of Admission and Advancement Review Panel Committee (Committee that decides on the elevation) is on 24th July. Your application should reach at least 10-days prior to the meeting date.

A short process and support team contact details to help you out is described at <http://ottawa.ieee.ca/sm/>

You may also visit:

http://www.ieee.org/membership_services/membership/senior/senior_application.html for more details.

3. Membership Development and Benefits News

The IEEE Ottawa Section has exceeded 2100 active memberships at the start of 2010 thanks to your new or renewed membership. Each one of us has their own reason to join; however, we trust that you will or have benefited from your membership. The many financial, educational, career, and social benefits are detailed at the newly renovated <http://www.ieee.org> website.

Also, take a look at ...

http://www.ieee.org/membership_services/index.html#sect2 and ...

<http://careers.ieee.org/>

Recently added benefits include (details under “Member Benefits” at <http://www.ieee.org>):

HP discounts on products

myIEEE – completely revamped to allow full personalization of your interface with IEEE’s website HP

MemberNet – revamped to allow e-mailing of other IEEE members by acceptance

Microsoft Student Software and job site

More free webinars and tutorials such as on Smart Grids, Acoustic Simulation, MatLAB, and

"People Skills in a Competitive Environment" by Joe Lillie (2011 IEEE President Elect)

More member benefits are being added regularly - if you received a survey regarding a fitness centre discount, please complete it now. We

want to hear from you on how to improve your membership experience
send an e-mail to webmaster@ieee.org

4. We have an Ottawa Section Member winner:

IEEE T-shirt Giveaway ... IEEE shirt Congratulations to our June 2010 IEEE Merchandise Giveaway winners. Five random IEEE Members are selected each month.

Mario Lefebvre Ottawa, Canada

5. IEEE President Elect and Director Elect – Candidates

Ballots for IEEE (world wide) elections will be mailed out in August. Your choice of IEEE President (worldwide) directly affects your services and benefits as a member. Your vote makes a great difference as the one you would have hoped to win may lose by only a few votes. You Count! Canada's Vote Counts!

<http://www.ieee.org/about/corporate/election/candidates.html>.

This year, there are only two candidates for the 2011 position:

- Joseph V. Lillie (Nominated by IEEE Board of Directors)

<http://www.ieee.joelillie.com/>

- Gordon W. Day (Nominated by IEEE Board of Directors)

<http://www.gwday.net/>

Please visit the website to learn of candidates for other positions, and exercise your privilege as a member in the world's largest professional organisation

<http://www.ieee.org/about/corporate/election/candidates.html>

As an example, for Division Seven (Energy and Power Engineering) & Director Elect candidates are:

- Mohamed E. El-Hawary (Nominated by Petition)

<http://www.moelhawary.com/>

- Saifur Rahman (Nominated by IEEE Division VII)

<http://www.saifurrahman.org/ieee/>

· Cheryl (Cheri) A. Warren (Nominated by IEEE Division VII)
http://www.ieee.org/portal/cms_docs_pes/pes/subpages/bullseye-folder/May10/May-candidate_link.pdf.pdf

6. IEEE Webinar:

“People Skills in a Competitive Environment”

Session Abstract: This webinar is hosted by IEEE-GOLD and presented by Joe Lillie. This professional development webinar will help individuals working in technical fields by providing useful knowledge on people skills and other topics not included in the engineering educational environment. Participants should expect to learn more about the competitive environment and how to maximize professional opportunities through development and use of people skills.

Presenter: Joe Lillie

Date: Thursday, 22 July 2010

Time: 2:00 - 3:00 pm EDT

Cost: Free to all members

Learn more and Register Now!

Sponsored by Graduates of the Last Decade (GOLD)

C. Non-IEEE News and Events/Announcements

Nothing to report.

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D. Manage Your Newsletter Subscription:

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