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IEEE OTTAWA NEWSLETTER - June 2011

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

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

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A. IEEE Ottawa Section News & Events

1. Introduction to SALES PERSUASION AND INFLUENCE SYSTEM (SIPS) Workshop

Speaker(s): Harpreet Singh, founder and Principal Consultant at Zoho Consulting Inc.

Date/Time: TBD - July 2011 (6:30 - 9:30)

Location: TBD - Ottawa :This is a pre-announcement - details will be provided on website and July newsletter.

Registration: Please indicate your interest in this session by emailing

bjoshi@ieee.org

Organizer: Bhagvat Joshi Chair: IEEE Ottawa AICN

Organizer e-mail: bjoshi@ieee.org

Organized by: IEEE Ottawa AICN (Consultants Network)

Abstract: Independent Consultants, Solution provide

rs and Internal

Consultants in an organization are first and foremost in the business of "Selling", whether they are selling their services to an external or internal customer; or they are selling an idea to their boss, financial institution or partners. The one skill that Consultants, seldom bother to learn or develop is "Selling".

Think about situations when the prospect responds with 'Let me think about it' or 'I have to speak to my boss/spouse/cat...'? How many times have you invested time and money with someone who didn't even have the funds to pay you? Do you have any rights in the sales process? How many times have you given everything that is asked for without receiving anything in return? Maybe it is time to use a different model; to ask the key questions first, before you give any answers.

SIPS™ uncovers a new process of selling your ideas and services with the power of persuasion and influence - it is not just about sales, it's also a philosophy and a way of life. It combines the science and art of Neuro-Linguistic Programming (NLP) to achieve a higher understanding of human behaviour. SIPS™ is about the behaviour change for you to work smart and profit. Questions are the answer, not the rambling, endless presentations or infinite unproductive cold calling. This is the SIPS™ Philosophy. It's about you and your rights in the sales process!

We are planning an introductory session in July (time/venue) to be announced shortly on IEEE Ottawa and July Newsletter. An email will also be sent to those who pre-register. This is a FREE session - but seating is limited so please pre-register.

2. 9th Annual IEEE Ottawa Robotics Competition - June 4th 2011

This year's Lego Mindstorms robotics competition is taking place at Longfields-Davidson Heights Secondary School on Saturday, June 4th, 2011. There are 3 challenges: Sumo, Drag Race, and the da Vinci Challenges. Registration for students in grade 5 to 12 is open immediately. More information available at <http://orc.ottawa.ieee.ca/>

3. MICROWAVE NEAR-FIELD IMAGING OF HUMAN TISSUE: HOPES, CHALLENGES, OUTLOOK

Speaker: Professor Natalia K. Nikolova
Time: 2:30 - 4:30 pm - Tuesday, May 31, 2011
Location: Room C0136, School of Information Technology and Engineering (SITE),
University of Ottawa. 800 King Edward Ottawa, ON K1N 6N5.
Parking: paid parking in campus, Refreshment provided
RSVP: required. Please reply to ali.kabiri@gmail.com
Target: IEEE Ottawa AP/MTT Chapter and IEEE Ottawa EMBS chapter

Abstract: More than 40 years ago Larsen and Jacobi experimented with microwaves in the imaging of canine kidney. Their pioneering work triggered high hopes for a new diagnostic modality in medicine but also identified serious challenges. Research effort in this area continues unabated, focused especially on early-stage breast-cancer detection. The need for alternative cancer diagnostic tools is urgent and perceived worldwide as a high priority for research and development. Yet the very few clinical trials of experimental microwave imaging systems have not satisfied the requirements of today's medical diagnostics. This talk briefly reviews past and recent developments in near-field microwave methods for tissue imaging. In the context of these developments, the major challenges are discussed - challenges which have so far prevented microwave imaging from becoming a clinically viable modality. Promising new directions of research are described that have the potential to bring about a breakthrough. These include advances in hardware design and characterization (sensor arrays, custom and laboratory measurement instrumentation), methodologies for tissue-parameter characterization, and the development of data-processing and reconstruction algorithms. Many of these new developments draw upon recent successes of microwave and millimetre-wave imaging systems used for concealed-weapon detection, through-the-wall imaging and underground surveillance. Thus it is shown

how the ever expanding field of microwave imaging is converging to address some of society's most urgent needs.

4. AP/MTT joint chapter News

The MTT-S Education Committee has selected UOttawa Ph.D. student, Wangzhe Li, to receive an MTT-S Graduate Fellowship for 2011. The award consists of a check for \$6,000 and a certificate of recognition from the society and will be presented at a special Student Awards Luncheon held during the IMS2011 (June 6-9). Wangzhe is an MTT member and working on Microwave Photonics. His adviser is Prof. Jianping Yao whose another student, Chao Wang, was selected to receive the same fellowship last year. Chao is now an NSERC post-doctoral fellow in UCLA. Let's congratulate on both Wangzhe and Jianping for their achievement.

5. IEEE International Conference on Communications 2012

IEEE Ottawa Section has won the bid to host this conference. The details of the conference are as follows:

Date: June 10-15, 2012
Location: Ottawa, Canada

Since 1965 the IEEE International Conference on Communications has been one of the flagship conferences of the IEEE Communications Society. IEEE

ICC brings together the world's leaders, scientists, policy makers from industry and academia. The IEEE Ottawa Section is proud to host IEEE ICC 2012 Conference and Exhibition from 10-15 June 2012 where recent advances in the field of communications will be presented.

The theme of the conference is "CONNECT o COMMUNICATE o COLLABORATE". For participants it promises to stimulate the scientific exchange of ideas, the identification of future trends in communications, and the illumination of business opportunities. The conference program will feature 12 technical symposia, 16 industrial forums, keynote presentations, several workshops, and tutorials.

For general conference information please visit:<http://www.ieee-icc.org/2012>

Tutorial Proposal: 6 September 2011

Contact email: Azzedine Boukerche (boukerch@site.utoronto.ca)

or Abbas Jamalipour (a.jamalipour@ieee.org)

Industry Forum Proposal: 29 August 2011

Contact email: Adam Drobot (Adam.Drobot@2M.com) or

Chi-Ming Chen (chimingchen@att.com)

The cut-off date for papers and posters submission is April 17th, 2011.

Paper Submission: 6 September 2011

Papers are submitted to the particular symposia listed below.

Accept. Notification: 9 January 2012

Camera-Ready Paper: 10 February 2012

6. Call for volunteers for helping in IEEE International Conference on Communications 2012

The Local organization committee of the IEEE International Conference on Communications 2012 is seeking volunteers in various roles and capacities to help organize and run the conference. This would be a unique opportunity to obtain leadership, management and communication skills. If you are interested, please contact: raedabdullah@ieee.org or groza@site.uottawa.ca or sreeraman@ieee.org

7. Canadian Tracking and Fusion Group (CTFG) Workshop 2011

The Canadian Tracking and Fusion Group (CTFG) was established to bring together tracking and fusion researchers and practitioners from across government, industry and academia with the objective of providing a forum for issues of common interest across diverse fields of application, including land, air, space, maritime and underwater.

Annual workshops are held to promote discussion and collaboration. The IEEE Ottawa Section was a major supporter of the workshop in assisting in its organization, advertising and local arrangements. This year's CTFG Workshop 2011 was held March 9-11, 2011 in Ottawa,

bringing together 57 individuals from 21 organizations for presentations, discussion and collaboration. Participants included government from several Defence R&D Canada (DRDC) centres (Ottawa, Atlantic and Valcartier) and the Communications Research Centre, academia from McGill University, McMaster University, Memorial University, Royal Military College and the University of British Columbia, and a broad spectrum of industry representatives.

The workshop was supported by IEEE Ottawa Section, the IEEE AES Ottawa Chapter, IEEE SP/OE/GRS Ottawa Joint Chapter, Raytheon Canada and Larus Technologies. It was co-hosted by DRDC. It consisted of 3 days of presentations and demonstrations by various Canadian defence scientists, academic and industrial researchers. Day 1 focused on target tracking and sensor management, while Day 2 focused on data fusion and decision support and Day 3 concluded the workshop with demonstrations by Raytheon's Intelligence and Information Systems (IIS) division as it presented and demonstrated the Digital Command Ground Station (DCGS) activities and its future extensions; Larus Technologies demonstrated its Nexus Fusion Engine and the ETF Lab of McMaster University demonstrated its target tracking test-bed.

CTFG Workshop 2011 was co-chaired by Zhen (Jack) Ding, Garfield Mellema, Pierre Valin (DRDC), Thia Kirubarajan (McMaster Uni

versity), Rami Abielmona (Larus Technologies) and Tony Ponsford (Raytheon Canada). CTFG Workshop 2012 will be held in Ottawa next March-April. More information about the CTFG and these workshops can be found on the CTFG website at <http://www.ctfg.ca>.

Please Note: local events are sometimes confirmed after the e-newsletter is published. More current information may be found on our website www.ottawa.ieee.ca

B. IEEE News

1. Senior Member Elevation

The following Ottawa members were elevated to Senior Member grade in March 2011. The A and A panel met at Seattle, Washington, USA.

* Mr. Linping Sheng

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>

2. Engineer Wellness GoodLife Fitness Corporate Pro

gram

Staying fit is the key to reducing stress, feeling healthy, increasing your energy and enjoying an excellent quality of life. Members of Engineering Institute of Canada (EIC) Societies, which includes IEEE, students and family, can access the benefits of exercise and healthy living at discount of more than 55% off regular prices to GoodLife Fitness (Energie Cardio in Quebec and Nubody).

Please visit www.engineergoodlife.ca (username = eic and password = goodlife) for details.

3. NEW one-stop place for finding all discount programs for IEEE members

IEEE members can take advantage of a myriad of discount opportunities, either in the form of core IEEE products OR from IEEE sponsored programs that are offered at reduced rates as a benefit of membership. However, member awareness of IEEE discount programs is low, such that 50% of all members do not know about them or where to find them.

Thus, IEEE is now presenting information on all programs in a new centralized location, the "IEEE Member Discounts" Web page, and retiring the brand "Financial Advantage Program." The URL is :
http://www.ieee.org/membership_services/membership/discounts/index.html

or in short, <http://www.ieee.org/go/discounts>

Categories are: Insurance, Travel, Technology and Home/Office Discounts.

An FAQ clarifies geographic availability of each program, and how sponsored programs are developed and vetted."

Featured discount: IEEE Credit Card

Every time you use your MBNA Mastercard for a purchase, a financial contribution will be made to the IEEE on your behalf. Plus you can enjoy the benefits of no Annual Fee, around-the-clock fraud protection and unparalleled 24-hour customer service.

4. New members orientation webinars

All new higher grade IEEE members are invited to participate in a New Member Orientation Webinar session designed to help members get the most out of their membership. These live Webinars, which include a 30 minute formal presentation followed by Q&A, provide an overview of IEEE membership and access instructions for members-only benefits and services. Topics include establishing a Web account, setting up a profile on memberNet, logging into myIEEE, networking opportunities, and much more.

Visit the Welcome to IEEE Web page (http://www.ieee.org/membership_services/membership/welcome.html) to register for a New Member Orientation Webinar, typi

cally held on the
fourth Thursday of each month in 2011: 24 March, 28
April, 26 May, 23
June, 28 July, 25 August, 22 September, 27 October,
22 November, and 20
December.

Webinars are held at both 9:00 AM ET and 3:00 PM ET
on each day. Please
e-mail Adrienne Hahn (a.hahn@ieee.org) for more inf
ormation.

5. Free Communications Society membership to new me
mbers

IEEE membership dues are at half price now through
15 August 2011. And
IEEE is offering Free Communications Society membe
rship to new members.
It is a great value --- "IEEE Membership at Half Pr
ice +Free ComSoc"
together.

"Join IEEE at half price between now and 15 August,
get Free membership
to IEEE Communications Society" is in effect now, a
nd the 2011 membership
benefits start immediately through 31 December. The
sooner we can promote,
the earlier the new members can enjoy member benef
its. So please contact
your friends and colleagues and encourage them to c
onsider this
opportunity.

http://www.comsoc.org/newjoinspecial_Chapters

6. 20th IEEE international Conference on Electrical

Performance of Electronic Packaging and Systems

Full Paper Submission Deadline: 1st July 2011.

The call for papers for the EPEPS-2011 (co-sponsored by CPMT and MTT societies) is posted at our website <http://epeps.org>. The deadline for submission of manuscripts is July 01, 2011. The conference is held during Oct. 23-26, 2011, in the Silicon Valley, San Jose, CA. Also there are great opportunities this time for industries to showcase their products/brands through structured sponsorships/exhibitions. For more information, please contact EPEPS administrator: epeps-admin@illinois.edu. We look forward to your submissions/participation in this premier conference on High-Speed Signal/Power integrity, 3D Interconnects and Electronic Packaging.

EPEPS General Co-Chairs: Ram Achar & Brian Young

7. IEEE Electrical Power and Energy Conference 2011

The annual Electrical Power and Energy Conference (EPEC 2011) will take place in Winnipeg, MB, Canada from October 3 to 5, 2011. Located in the center of Canada, Winnipeg is a culturally diverse, creative and cosmopolitan city with a warm, welcoming spirit that will make a unique and unforgettable meeting and convention destination. The objective of EPEC 2011 is to provide a forum for experts in Elec

trical Power and Energy to disseminate their recent research outcomes and exchange views on the future research directions of these fields. We will also invite renowned experts to give keynote speeches. Bring your family with your research findings to EPEC2011, enjoy our programs and appreciate the history of Winnipeg.

Date: October 3-5, 2011

Location: Fairmont Hotel, Winnipeg, MB, Canada

Website: www.ieee.ca/epec11

C. Non-IEEE News and Events/Announcements

1. The 4-th annual Fly-By-Wireless (FBW11) workshop

The 4-th annual Fly-By-Wireless (FBW11) workshop will be held on June 14-17, 2011 at Concordia University, Montreal, Quebec, Canada.

Original papers in the area of wireless communications with applications in aerospace industry shall be submitted in a short paper format (4 pages, Font 12, double column, IEEE Format) with sufficient details to allow a critical Peer review. We will also accept Poster papers. The paper and poster submissions deadline is 11:59PM EDT, April 29, 2011.

Please check (http://www.caneus.org/fbw/content.aspx?ID=2011_home) for further information and details.

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D. Manage Your Newsletter Subscription:

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<http://ottawa.ieee.ca/news/about.html#subscribe>

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