

December 2009

IEEE OTTAWA NEWSLETTER - December 2009

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

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

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1. TITLE: The Bold and the Brave

SPEAKER: Dr. Monique Frize (IEEE WIE Ottawa member and WISE Ottawa member/co-founder)

DATE: Tuesday, December 1st 2009

TIME: 5:30 p.m to 7:30 p.m.

LOCATION: University of Ottawa, Colonel By Hall, Tower A, Room 707, 161 Louis-Pasteur

PARKING: as applicable on uOttawa campus

ADMISSION: free

REGISTRATION: rsvp.booklaunch@ieee.org

ORGANIZED BY: WIE Ottawa, WISE Ottawa and University of Ottawa Press

CONTACT: Jennifer Ng, jng@ieee.org

ABSTRACT:

The Bold and the Brave investigates how women have strived throughout

history to gain access to education and careers in science and engineering. Author Monique Frize, herself an engineer for over 40 years, introduces the reader to key concepts and debates that contextualize the obstacles women have faced and continue to face in the fields

of science and engineering. She focuses on the history of women's education in mathematics and science through the ages, from antiquity to the Enlightenment. While opportunities for women were often purposely

limited, she reveals how many women found ways to explore science outside of formal education.

For more details, go to <http://ieee.org/go/booklaunch>

2. TITLE: "Survive and Thrive in Tough Job Market"

SPEAKER: Thomas Lavrisa, Regulatory Program Officer at Canadian Nuclear Safety Commission

DATE: Wednesday, December 9th, 2009

TIME: Registration/Refreshment (18:00 - 18:30); Seminar (18:45- 20:00)

LOCATION: Algonquin T-Building T302.

Map at

<http://www.algonquincollege.com/main/yourAlgonquinTab/directions/woodroffeMap.htm>

PARKING: Free!

ADMISSION: Free!

REGISTRATION: by email to emily.hao.chen@ieee.org

ORGANIZED BY: Engineer in Transition Committee

CONTACT: Emily Chen

ABSTRACT: Curious about your career options? How can you get a job like

theirs? What are the secrets to their success? Don't miss this "Own Your Career" Seminar, where presenter(s) will share their personal career

journeys with us and provide advice to job seekers. Please be sure to check http://ottawa.ieee.ca/eit/EiT_Events.html for more details!

3. Title: Inmarsat I-4 and BGAN Services

Speaker: Marie-Louise Sakkal, Stratos Global

Date: Thursday 10 Dec 2009

Time: Pub supper (optional) 6:00 pm

meeting starts 7h30 pm ends 9h30pm

Location: Bytown "A" Room, RA Centre, Riverside Drive

Parking: free at RA Centre. Go upstairs from the main lobby.

Supper attendees may wish to use the East lot and enter by the corner door.

Free admission;

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

pre-registration appreciated

Organized by: IEEE-VTS Ottawa Chapter

URL: <http://www3.bell.net/max-com/ottawa.vts.html>

4. TITLE: MUSES'09 - Workshop on Multi-Sensor Systems for Surveillance

Applications

SPEAKER: The workshop will consist of several oral presentations provided by numerous experts in the field.

DATE: December 11 and 12, 2009

TIME: Full days- Exact schedule of will be provided soon.

LOCATION: University of Ottawa, Faculty of Engineering, SITE

Registration Fee Schedule: IEEE Regular Members: ... \$150

IEEE Retired / Job-seekers: ... \$50

IEEE Life Members: ... \$50

IEEE Students: ... \$50

Members of IET, PEO, OCRI, OTI: ... \$150

Non-Members: ... \$200

Students: ... \$80

REGISTRATION:

Deadline for abstract submission is Thursday, December 03, 2009

The workshop will consist of oral presentations of 30 minutes each.

Submit a short abstract (1/2 page) by e-mail to: petriu@site.uottawa.ca

ORGANIZED BY: The Ottawa Chapter of the IEEE Instrumentation and Measurement Society,

The Ottawa Chapter of the IEEE Computational Intelligence Society,
TC-30 Security and Contraband Detection of the IEEE I&M Society,
and the School of Information Technology and Engineering,
Faculty of Engineering, University of Ottawa, Canada

CONTACT: Emil Petriu <petriu@site.uottawa.ca>,
Voicu Groza <groza@site.uottawa.ca>

ABSTRACT:

This workshop will provide a scientific forum to present and discuss
development aspects of multimodal (video, voice and sound, RFID,
perimeter

intrusion, infrared, chemical, etc) intelligent sensor technologies for
geographical location and socio-cultural context-aware security risk
assessment and decision support in human-crowd surveillance
applications.

Contributions covering theoretical developments and practical
applications,

including but not limited to the following areas, are invited:

- algorithms for the integration of the heterogeneous information from
the surveillance sensors into a coherent multimodal model of the human
crowd behaviour;

- multi granularity-level feedback and human-computer interaction
interfaces for the human users/agents who are the final threat
assessors

and decision makers in the specific security monitoring situation.

- image processing and computer-vision algorithms for tracking and
recognition of relevant face and body-language patterns such as facial
emotions, body gait and gestures of the humans in a crowd;

- the measurement and evaluation of the environmental parameters
(background sound, ambient light, etc) that provide contextual
information for specific surveillance task;

- multidisciplinary (human psychology, multicultural sociology, etc.)
context-aware system for the real-time evaluation of threatening
behavioural patterns of humans identified as potential security risk;

OTHER DETAILS:

Sponsors: University of Ottawa, IBM Canada Ltd., Larus Corp.,
Ottawa, ON, Canada

Organizers: Honorary Chairs - Mel Siegel, CMU, Pittsburgh, USA
Anastasios N. Venetsanopoulos, Ryerson University, Toronto, Canada

General Chairs - Vincenzo Piuri, University of Milan, Italy

Don Aldrige, IBM Canada Ltd.

Technical Program Chairs

Voicu Groza, University of Ottawa, Canada
Emil M. Petriu, University of Ottawa, Canada
Local Arrangement Chairs
Wahab Almuhtadi, IEEE Ottawa Section, Canada
Albino Cordeiro, University of Ottawa, Canada
Publication Chairs
Rami Abielmona, Larus Corp., Ottawa, ON, Canada
Nizar Sakr, University of Ottawa, Canada

5. Title: 2010 Symposium on Recent Advancements in Photonics
Date: Friday, Jan 22, 2010
Location: M-50 Auditorium, NRC Main Campus, Montreal Road, Ottawa
TIME: 8:30am – 11:30am
Speakers:
IEEE PS Distinguished Lecturer: Prof Tetsuya Mizumoto of Tokyo
Institute of Technology: "Optical Nonreciprocal Devices for Integrated
Photonics"
IEEE PS Ottawa Chapter Guest Speaker: Dr Jackson Klein of
Optiwave:
"Title TBD"
IEEE PS Ottawa Chapter Guest Speaker: Dr Cristian Popescu of
spectra-nova: "Title TBD"
For more information, please contact: Kexing Liu kexing.liu@ieee.org
Look for the next newsletter for more specific details

6. Last minute news - Ottawa Section Annual Christmas Dinner
A tentative booking for the IEEE OS Annual Christmas Dinner has been
made for Wednesday, December 16th, 2009, at 5:30PM.
If you would like to attend this year's dinner, please email your
intentions to Section Secretary,
Carolyn MacIsaac (carolyn_macisaac@ieee.org), ASAP -

B. IEEE News

1. New IEEE Senior Members in the Ottawa Section
Results of the previous A&A Review Panel meeting held on October 17,
2009 in Sydney, NSW, Australia. are as follows. Charles E Hickman,
Chaired the A&A Committee, 218 members were elevated, the results
became available in November.

- * Cotaras, Frederick Member of Oceanic Engineering Society
- * Dubuc, Christian Member of Communications Society
- * Hossain, Mohammad Member of Instrumentation and Measurement Society
- * Khoury, Tony Member of Communications Society
- * Lunscher, Wolfram --
- * Panario, Daniel Member of Information Theory Society

Congratulations to the newly elevated Senior Members.

** 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. 2010 IEEE 72nd Vehicular Technology Conference: VTC2010-Fall
6–9 September 2010, Ottawa, Canada
<http://www.ieeevtc.org/vtc2010fall/>
The 2010 IEEE 72nd Vehicular Technology Conference will be held
6–9 September 2010 at the Westin Hotel, Ottawa, Canada.
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. The conference will feature world-class plenary speakers, tutorials, and technical as well as application sessions.
Paper submission details will be published shortly.
Paper submission deadline: 15 February 2010

C. Non-IEEE News and Events/Announcements

Nothing to Report.

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