



IEEE Canada



## IEEE CCECE 2009

### 22<sup>nd</sup> Annual Canadian Conference on Electrical and Computer Engineering

May 3-6 2009, St. John's, Newfoundland & Labrador, Canada

<http://www.ccece09.org>

"From Electrons to Oceans: Innovation at Many Scales"

### Communications and Networking Symposium

#### Call for Paper

#### Symposium Co-Chairs:

**Dr. Cheng Li**, *Memorial University of Newfoundland*

**Dr. Vojislav Mistic**, *University of Manitoba*

**Dr. Hai Jiang**, *University of Alberta*

Papers are invited in English or French, including but not limited to the following topics in communications and networking. International submissions are welcome.

- Coding Theory and Practice
- Communication System Performance Analysis
- Cognitive Radios
- Cooperative Communications
- Cross Layer Optimization
- Detection and Estimation
- Diversity and Fading Countermeasures
- Equalization, Interference Cancellation, and Signal Separation
- Fiber Optical Communications and Free-Space Optical Communications
- Iterative Receiver Techniques
- Multicarrier Systems and OFDM
- Multiple Access Techniques
- Multiple-Input Multiple-Output (MIMO) Systems
- Multiuser Detection
- Network Coding
- Source Coding and Joint Source/Channel Coding
- Synchronization
- Turbo/LDPC Codes and Iterative Decoding
- Ultra-Wideband Communications
- Next Generation Cellular Wireless Networks
- Wireless Ad-hoc/Sensor/Mesh Networks
- Wireless Local Area Networks
- Wireless Personal Area Networks
- Wireless Metropolitan Area Networks WiMAX and mobile WiMAX)
- Heterogeneous Wireless Mobile Networks
- Dynamic Spectrum Access and Cognitive Wireless Networks
- Resource Allocation and Interference Management in Wireless Networks
- Call Admissions Control and Congestion Control
- Wireless Switching and Routing Techniques
- Mobile Internet and Mobile IP Techniques
- Multimedia QoS and Traffic Management
- Mobility Management in Wireless Mobile Networks
- QoS Routing in Wireless Networks
- Proxies and Middleware for Wireless Networks
- Wireless Mobile Network Security and Privacy
- Location and Context-Aware Services

**Regular Papers:** Prospective authors should submit their full-length papers (4-6 pages) to the symposium using EDAS (<http://edas.info/newPaper.php?c=7005&track=5461&>)

**Special Sessions:** Special sessions consist of five full-length papers, presenting a unified theme, which must be submitted online. Prospective organizers should prepare a proposal according to the CCECE'09 guidelines and directly submit the proposal to the Symposium Chair.

**Tutorials/Workshops:** Proposals for half-day tutorials and workshops should be submitted before December 5, 2008 to the Tutorials Chair at [tutorials@ccece09.org](mailto:tutorials@ccece09.org).

**Industrial Exhibits and Sponsorships:** For industrial exhibits please contact the Industrial Exhibits Chair at [exhibits@ccece09.org](mailto:exhibits@ccece09.org). For sponsorships please contact the Sponsorship Chair at [sponsorship@ccece09.org](mailto:sponsorship@ccece09.org).

#### Important Deadlines:

- |  |                  |
|--|------------------|
| Full-length papers submission:                   | December 5, 2008 |
| Special Sessions proposals:                      | December 5, 2008 |
| Tutorials/Workshops proposals:                   | December 5, 2008 |
| Notification of acceptance:                      | February 6, 2009 |
| Final manuscript submission/Author registration: | March 6, 2009    |



#### Conference Chairs

John Quaicoe

*Memorial University*

Wally Read

*REMAS Inc.*

#### Technical Program Chairs

Eric Gill

*Memorial University*

Dennis Peters

*Memorial University*

#### Tutorials and Workshops

Gerard Dunphy

*NL Hydro*

#### Finance

Paul Thorburn

*NRC Inst. for Ocean Technology*

#### Local Arrangements

Kathleen Chafe

*Canadian Coast Guard*

#### Publications

Geoff Holden

*IONA Technologies*

#### Registration

Octavia Dobre

*Memorial University*

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Mike Janes

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#### Conference Advisory

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#### IEEE Canada President

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#### Contact

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