



## IEEE CCECE 2008

**21<sup>st</sup> IEEE Canadian Conference on Electrical and Computer Engineering**

May 4-7 2008, Niagara Falls, Ontario, Canada

<http://www.ccece08.org/>

“The Wonders of Technology”

### **Technical Symposium: *Communications and Networking*** **Call for Papers**

#### **Symposium Technical Program Chairs**

**Murat Uysal**, University of Waterloo (Chair)

**Ekram Hossain**, University of Manitoba (Vice-Chair)

**Raed M. Shubair**, Etisalat University College (Vice-Chair)

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 CCECE'08 on-line submission process on our web site at <http://www.ccece08.org>

**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'08 guidelines and directly submit the proposal to the Symposium Chair.

**Tutorials/Workshops:** Tutorials and workshops are solicited on all related topics. Please submit your proposals by the submission deadline to [xavier@ieee.org](mailto:xavier@ieee.org).

**Industrial Exhibits and Sponsorships:** Proposals are accepted at any time. Please contact the CCECE'08 Industrial Exhibits Chair at [a.kormos@ieee.org](mailto:a.kormos@ieee.org) or Sponsorships Chair at [janbee@ieee.org](mailto:janbee@ieee.org).

**Student Travel Awards and Paper Competitions:** Please refer to the CCECE'08 website.

#### **Important Deadlines:**

Full-length papers submission	December 7, 2007
Special Sessions proposals submission	December 7, 2007
Tutorials/Workshops proposals submission	December 7, 2007
Notification of acceptance	January 18, 2008
Final papers submission/Author registration	March 7, 2008

For information on other CCECE'08 technical symposia, please visit the conference website

#### **Conference Chair**

Sri Krishnan  
Ryerson University

#### **Technical Program Chairs**

Alagan Anpalagan  
Ryerson University

Bob Dony  
University of Guelph

#### **Special Sessions**

Bruno Di-Stefano  
Nuptek Systems Ltd

#### **Tutorials and Workshops**

Xavier Fernando  
Ryerson University

#### **Finance/Conference Advisory**

Kash Husain  
Dillon Consulting Ltd

#### **Local Arrangements**

Pelle Westlind  
Pelle Westlind Cons. Services  
Cathie Lowell  
IEEE Canada

#### **Publications**

Sean Dunne  
Canadian Instrumentation

#### **Plenaries**

Dimitri Androutsos  
Ryerson University

#### **Registration**

April Khademi  
University of Toronto

#### **Industrial Exhibits**

Tony Kormos  
Woodhead Software & Elec.

#### **Sponsorships**

Janet Bradley  
Gennum Corporation

#### **Student Activities**

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University of Waterloo

#### **Publicity**

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