



## CCECE 2010

### 23<sup>rd</sup> Annual Canadian Conference on Electrical and Computer Engineering

May 2-5, 2010, Calgary, Alberta, Canada

<http://www.ccece2010.org>

*“Evolution of Theory: Bringing Theory and Technology  
into Application”*

### Technical Track: Signal and Multimedia Processing Call for Papers

**Chair:**

Dr. Dongliang Huang, Calgary, Canada, [dl\\_huang@ieee.org](mailto:dl_huang@ieee.org)

**Co-Chairs:**

Papers are invited in English including but not limited to the following topics in signal and multimedia processing. International submissions are welcome.

- Adaptive Systems and Processing
- Array and Statistical Signal Processing
- Audio and Electro-acoustic
- Biomedical Signal and Image Processing
- CDMA
- Channel Estimation, Modeling, and Equalization
- Classification, Pattern Recognition, and Learning Methods
- Cognitive Radio
- Design and Implementation of Signal Processing Systems
- DSL Technology
- DSP for Communications
- Estimation Theory
- Interference Mitigation
- Information Forensics and Security
- MIMO Systems
- Multiuser Systems
- Multiple Access Techniques
- Modulation and Coding
- Multi-rate and Digital Signal Processing
- Multimedia Security and Content Protection
- Multimedia Computing Systems and Devices
- OFDM and Multicarrier Systems
- Radar Systems
- Real-time DSP, Hardware Implementation, and Optimization
- Sensor Array and Multichannel Systems
- Signal Detection and Separation
- Signal Processing for Security and Cryptography
- Signal Processing for Software Defined Radio
- Source Coding and Joint Source/Channel Coding
- Space-Time Processing and Decoding
- Speech, Image, and Video Processing
- Synchronization Techniques
- Time-Frequency and Time-Scale Analysis
- Transmitter and Receiver Techniques

### Regular Paper Submission

Please submit original full length paper(s) to the Technical Program Committee using the on-line submission process on our web site at <http://www.ccece2010.org> before January 8, 2010. Click on “Call For Papers” and follow the instructions provided.

### Tutorial and Workshop Proposals Submission

Proposals for half-day tutorials and workshops should be submitted before January 8, 2010 to the Tutorials Chair at [tutorials@ccece2010.org](mailto:tutorials@ccece2010.org).

**Conference Chair**

Rob Anderson  
*Itron Inc.*

**Technical Program Chairs**

Dr. Amir Aghdam  
*Concordia University*  
Lawrence Whitby  
*DeVry Calgary*

**Tutorials and Workshops**

Kambiz Moez  
*University of Alberta*

**Finance**

Daniel Wong  
*AltaLink*

**Local Arrangements**

Margaret-Anne Stroh  
*Conference Concepts*

**Publications**

Terrance Malkinson  
*SAIT Polytechnic*  
Margaret-Anne Stroh  
*Conference Concepts*

**Registration**

Margaret-Anne Stroh  
*Conference Concepts*

**Industrial Exhibits**

Vincent Chiew

**Sponsorships**

Chris Macnab

**Translation**

Christian Pepin

**Student Activities**

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Kash Husain  
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**IEEE Canada President**

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**Contact**

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Calgary, Alberta, Canada  
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## Important Dates

Full length paper must be received by:	Friday, January 8, 2010
Tutorial or workshop proposals must be received by:	Friday, January 8, 2010
Notification of acceptance will be sent out by:	Friday, February 5, 2010
Author's Registration ends by:	Friday, March 5, 2010
Advance Registration ends by:	Friday, April 2, 2010

## Industrial Exhibits and Sponsorships

For industrial exhibits please contact the Industrial Exhibits Chair at [exhibits@ccece2010.org](mailto:exhibits@ccece2010.org).  
For sponsorships please contact the Sponsorship Chair at [sponsorship@ccece2010.org](mailto:sponsorship@ccece2010.org).

*pour la version en français, voir <http://www.ccece2010.org> s'il vous plaît*