

## Organizing Committee

### Conference Chair

Dr. Amir G. Aghdam  
Concordia University

### Technical Program Chairs

Dr. Gerry Moschopoulos  
University of Western Ontario  
Dr. Lacra Pavel  
University of Toronto  
Dr. Scott Yam  
Queen's University

### Tutorials and Workshops

Dr. Jason Gu  
Dalhousie University  
Dr. Javad Lavaei  
Stanford University  
Ms. Somayeh Sojoudi  
California Institute of Technology

### Finance

Dr. Yousef Shayan  
Concordia University

### Local Arrangements

Dr. Anader Benyamin-Seeyar  
Concordia University  
Mr. Jean-Claude Latortue  
Université du Québec à Montréal

### Publications

Dr. Mojtaba Kahrizi  
Concordia University  
Dr. Roni Khazaka  
McGill University

### Publicity

Dr. Ahmad Fakharian  
Lulea University of Technology  
Dr. Nazih Khaddaj Mallat  
École Polytechnique de Montréal  
Dr. Farhad Mehdipour  
Kyushu University

### Registration

Dr. Anjali Awasthi  
Concordia University  
Ms. Preeti Raman  
ByteMatters Technology Inc.

### Industrial Exhibits

Dr. Kyarash Shahriari  
CRIQ

### Sponsorship

Dr. Ouassima Akhrif  
Dr. Mohamed Cheriet  
Dr. François Gagnon  
École de technologie supérieure

### Translation

Dr. Christian Pepin  
Université du Québec  
à Trois-Rivières

### Student Activities

Dr. Abdelwahab Hamou-Lhadj  
Concordia University  
Mr. Muhammad Tariqus Salam  
École Polytechnique de Montréal

### Webmaster

Mr. Seyed Kian Jalaaliddini  
McGill University

### Conference Advisory

Dr. Sri Krishnan  
Ryerson University

### Contact:

Amir G. Aghdam  
Dept. of Elect. and Comp. Eng.,  
Concordia Univ.  
1455 de Maisonneuve Blvd. W.,  
EV005.139  
Montreal, QC H3G 1M8 Canada  
contact@ccece2012.org



IEEE Canada



# CCECE 2012 (Silver Anniversary)

25<sup>th</sup> Annual Canadian Conference on Electrical & Computer Engineering

April 29–May 2, 2012, Montréal

“Vision for a Greener Future”

<http://www.ccece2012.org>

## Call for Papers and Proposals

The 2012 IEEE Canadian Conference on Electrical and Computer Engineering will be held in Montréal, Québec, Canada, April 29 to May 2 at Hotel Fairmont The Queen Elizabeth. CCECE 2012 provides a forum for the presentation of electrical and computer engineering research and development from Canada and around the world. **Plenary speakers** include **Alessandro Astolfi** from Imperial College London, **Gregor Bochmann** from the University of Ottawa, **Peter Caines** from McGill University, **Vahid Tarokh** from Harvard University and **Ke Wu** from École Polytechnique de Montréal.

Papers are invited, in French or English, for the following symposia (*Chairs below title*):

- **Circuits, Devices and Systems**  
Dr. Zahangir Kabir  
(Concordia University)  
Dr. Shahriar Mirabbasi  
(University of British Columbia)
- **Signal and Multimedia Processing**  
Dr. Fabrice Labeau  
(McGill University)  
Dr. Xianbin Wang  
(University of Western Ontario)
- **Computers, Software & Applications**  
Dr. Hamid Mcheick  
(Université du Québec à Chicoutimi)  
Dr. Jagath Samarabandu  
(University of Western Ontario)
- **Control and Robotics**  
Dr. Joshua Marshall  
(Queen's University)  
Dr. Stephen Smith  
(University of Waterloo)
- **Biomedical and Health Informatics**  
Dr. Tiago H. Falk  
(Institut National de la Recherche Scientifique)  
Dr. Carolyn McGregor  
(University of Ontario Institute of Technology)
- **Communications and Networking**  
Dr. Anader Benyamin-Seeyar  
(Concordia University)  
Dr. Mark Coates  
(McGill University)  
Dr. Shahram Yousefi  
(Queen's University)
- **Power Electronics & Energy Systems**  
Dr. Olivier Trescases  
(University of Toronto)  
Dr. Bala Venkatesh  
(Ryerson University)

**NOTE:** Selected papers accepted in this conference will be proposed for publication in *IEEE Systems Journal* and *IEEE Canadian Journal of Electrical & Computer Engineering*, after another round of review of extended versions. Authors wishing to submit papers that do not fit within any of the symposia topics listed above are encouraged to do so to the “general interest” symposium. *All* papers presented in this conference will appear in *IEEE Xplore*.

## 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.ccece2012.org> before January 31, 2012 (date extended for new papers only). Click on “Submit Paper” and follow the instructions provided.

## Tutorial and Workshop Proposals Submission

Proposals for half-day tutorials and workshops should be submitted before December 2, 2011 to the Tutorials and Workshop Chairs at [tutorials@ccece2012.org](mailto:tutorials@ccece2012.org).

## Important Dates

Tutorial or workshop proposals due (extended): ..... December 9, 2011  
Full length papers must be received by (date extended for new papers only): ..... January 31, 2012  
Notification of acceptance/rejection will be sent out by: ..... February 24, 2012  
Final papers must be received by: ..... March 9, 2012  
Authors' Registration ends by: ..... March 9, 2012  
Advance Registration ends by: ..... March 30, 2012

## Industrial Exhibits and Sponsorships

For industrial exhibits please contact the Industrial Exhibits Chair at [exhibits@ccece2012.org](mailto:exhibits@ccece2012.org).  
For sponsorships please contact the Sponsorships Chairs at [sponsorship@ccece2012.org](mailto:sponsorship@ccece2012.org).

## Questions or Comments

For any questions or comments, please contact the Conference Chair:  
Amir G. Aghdam. Ph: 514 848-2424 Ext. 4137, Fax: 514 848-2802 Email: [aghdam@ece.concordia.ca](mailto:aghdam@ece.concordia.ca)