Conference Chair Dr. Robert Hanna **RPM** Consulting Engineers

Technical Program Chairs Dr. Kostas Plataniotis University of Toronto

Dr. Alagan Anpalagan Ryerson University

Workshops Bruno Di-Stefano

Student Activities Janet Bradley

Sponsors & Exhibits Haran Karmaker

Partner Program John Mowbray Carol Doucette

Local Arrangements Pelle Westlind

Proceedings Sean Dunne

Publicity Tony Kormos

History & Membership Ron Potts

Treasurer Kash Husain

Secretary Cathie Lowell **IEEE** Canada

IEEE Canada President Mo El-Hawary (2002-03) Bill Kennedy (2004-05)

Central Canada Council Scott Lowell

Conference Advisory Vijay Bhargava

Conference Secretariat

CCECE 2004 18 Robinhood Drive Dundas, ON L9H 4G1 Phone: (905) 628-9554 Fax: (905) 628-9554 E-Mail: admin@ieee.ca

Webmaster Bob Alden

Visit our Web Site: http://ieee.ca/ccece04



CCECE 2004

Technology Driving Innovation

17th Annual Canadian Conference on Electrical and Computer Engineering

May 2-5, 2004 Sheraton Fallsview Hotel

Niagara Falls, Ontario, Canada

CALL FOR PAPERS

The 2004 IEEE Canadian Conference on Electrical and Computer Engineering provides a forum for the presentation of electrical and computer engineering research and development from Canada and around the world. Papers are invited, in French or English, including but not limited to the following topics:

- Advanced Computer Architecture
- Agent-Based & Internet-Based Systems
- Bioinformatics .

.

- . Circuits, Systems & VLSI
- Computer Networks & System
- Database & Data Mining
- Electromagnetics, Optics & Photonics
- High-Performance Computing
- Instrumentation & Measurement
- Microelectronics & Optoelectronics .
- Nanotechnology & Nanorobotics
- Power Electronics & Systems
- Process Control/Industrial Automation
- RF & Microwaves
- Signal Processing & Filter Design

1.0 Regular Paper Submission:

- . Visualization & Simulation
- Teledetection Remote Sensing & Applications

Biomedical Engineering Communications & Wireless Systems

Aerospace & Avionics

Antenna & EMC/EMI

- Control Theory & Applications
- Electrical Machines & Drives
- **Evolutionary Computation**
- Human-Machine Interactions
- Intelligent Systems
- Mobile & Pervasive Computing
- Neural Networks & Fuzzy Logic
- Power Systems & Renewable Energy
- Real-Time Embedded Systems
- **Robotics & Mechatronics**
- Software Engineering
- Virtual Reality & Artificial Life

Please submit a 300-word abstract of your paper to the Technical Program Committee using the on-line submission process on our web site at http://ieee.ca/ccece04 before November 21, 2003. Click on "Call For Papers" and follow the instructions provided.

2.0 Workshop, Tutorial, and Invited Session Proposal Submission:

Proposals for invited sessions, pre- and post conference workshops and tutorials will be accepted before December 19, 2003. Please contact the Workshops Chair using the same web page as noted above in 1.0.

3.0 Student Paper Competition:

Please submit your paper using the on-line submission process using the same web page as noted above in 1.0. Please read the information provided in the "Call For Papers" and "Student Funding" pages of our web site.

4.0 Important Dates:

Paper abstracts must be received by: Special Session proposals must be received by: Notification of acceptance will be sent out by: **Pre-Registration** Final papers must be received by:

Friday, November 21, 2003 Friday, December 19, 2003 Friday, January 9, 2004 Friday, February 27, 2004 Friday, February 27, 2004

5.0 Industrial Exhibits:

Please contact the Exhibits Chair at the Conference Secretariat for information about industrial exhibits at the conference.

If you are interested in CCECE 2004 and would like to be added to our contact list, please contact the Conference Secretariat at the address on the left. Check our Web site regularly for news and updates.

Sponsors: IEEE Canada & the Central Canada Council Sections