



IEEE NEWSLETTER

KITCHENER - WATERLOO SECTION



November 1997

MEETINGS/SEMINARS

Mark this date on your calendar:

Thursday, December 11th:

IEEE Special General Meeting &
1997 International Aerial Robotics Competition,
University of Waterloo, Davis Centre, Room 1302,
5:30 p.m. (See page 2).

REMINDER:

Saturday, November 8th:

IEEE Workshop on Public Speaking and Presentations,
University of Waterloo, Davis Centre, Rooms 1301 & 1304,
10:00 a.m. - 5:00 p.m.
Contact David Wang to register:
Phone: (519) 888-1211 (Ext. 3968)
Email: dwang@kingcong.uwaterloo.ca

Thursday, November 13th:

Mr. Michael Poole on the Anatomy of the 'Black Box',
University of Waterloo, Davis Centre, Room 1302,
5:30 p.m.

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Section Officers

Chair: David Wang, (519)885-1211 ext. 3968
 Vice Chair: Wai-Cheung Tang, (519)622-2300 ext. 255
 Secretary: Mauro Rossi, (519)885-1211 ext. 3819
 email: mrossi@kingcong.uwaterloo.ca
 Treasurer: John Mowbray, (519)884-1710 ext. 5371, 5569

Chapter Chairs

Computers: Slawo Wesolkowski, (519)884-1710 ext. 5130
 Antennas and Prop., Microwave Theory and Tech.:* Raafat Mansour, (519)622-2300 ext. 246
 Circuits and Systems, Electron Devices:* Arokia Nathan, (519)885-1211 ext. 4803
 Signal Processing Amir Khandani, (519)885-1211 ext. 5324

*Combined Chapter

Committee Chairs

Publicity: Shesha Jayaram, (519)885-1211 ext. 5337
 Education: Rosalind Hood-Morris (519)748-2462
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 Publications (News Letter): Tom East, (519)746-7809
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 Stream B: George H. Freeman, (519)885-1211
 Autumn 1997 ext. 2876

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**SPECIAL GENERAL MEETING
 KITCHENER-WATERLOO SECTION IEEE**

Date: Thursday, December 11, 1997
 Time: 5:30 p.m.
 Place: University of Waterloo, Davis Centre, Room 1302

1. SPECIAL GENERAL MEETING - K-W SECTION, IEEE

At a meeting on Thursday, October 9, 1997, the Executive of the Kitchener-Waterloo Section, in accordance with the bylaws, passed a motion by a two-thirds majority of votes to amend the bylaws. The amended bylaws have changed the operating year of the Section to run from January 1st to December 31st each year, to bring the operation of the Section in line with the operations of the IEEE. This Special General Meeting has been called to elect officers to serve for the year starting January 1, 1998.

The Nominating Committee (chairman Robert MacPhie) has proposed a slate of names to serve on the K-W Section's Executive Committee from January 1, 1998 to December 31, 1998. The names of the individuals are listed below. Members may nominate other members as alternative candidates under the following conditions:

- For each nominee:
- a) obtain agreement in writing to stand
 - b) obtain supporting signatures of two percent of the voting members *
 - c) submit these documents to the Secretary, Mauro Rossi by December 4, 1997 at:

Mauro Rossi
 c/o Graduate Office
 Department of Electrical and Computer Engineering
 University of Waterloo
 Waterloo, Ontario N2L 3G1

If alternate nominations are received, elections will be held at the Special General Meeting.

* This section has about 410 voting members.

**2. THE 1997 INTERNATIONAL AERIAL
 ROBOTICS COMPETITION**

Speakers: Dave Kroetsch & Pawel Lukaszynski

This past year, the 1997 IARC was held in Baltimore, Maryland. The competition involves designing an autonomous flying vehicle to accomplish extremely difficult tasks, such as identifying random objects, picking them up and depositing them in a container. The competitors comprise mainly of some of the top universities in the world. A team from Resurrection High School in Kitchener, however, finished second overall in the competition! Dave Kroetsch (now a first year Computer Engineering student at the University of Waterloo) and Pawel Lukaszynski (still at Resurrection High School) will be talking about their Helibot and how they were able to accomplish this amazing feat. They will also be discussing the extremely interesting new rules for the competition in the future.

The Kitchener-Waterloo Section of the Institute of Electrical and Electronics Engineers serves all members whose mailing address is in Bruce, Grey, Perth, Waterloo or Wellington Counties.

SLATE PROPOSED BY THE NOMINATING COMMITTEE FOR 1998

Section Officers:

Chair:	Wai-Cheung Tang, ComDev
Vice Chair:	John Mowbray, NCR Canada
Secretary:	Mauro Rossi, U. of Waterloo
Treasurer:	Slawo Wesolkowski, NCR Canada

Chapter Chairs:

Antennas and Propagation, Microwave Theory and Techniques:	Raafat Mansour, ComDev
Circuits and Systems:	Tajinder Manku, U. of Waterloo
Electron Devices:	Arokia Nathan
Computers:	David Wang, U. of Waterloo
Signal Processing:	Weihua Zhuang, U. of Waterloo

Committee Chairs:

Education:	Rosalind Hood-Morris, Spicer Corp.
Membership and Transfers:	Arvind Vyas, NCR Canada
Publication:	Tom East, TEES
Program:	Shesha Jayaram, U. of Waterloo
Nominations:	David Wang

Student Activities Chairs:

Conestoga College:	Bob Coombes
University of Guelph:	Otman Basir
University of Waterloo:	
Stream A:	Richard Hornsey
Stream B:	George Freeman

Note: Positions of Publicity Chair and Awards Chair have been eliminated by the new bylaws.

CCECE'98 - CALL FOR PAPERS

The IEEE 1998 Canadian Conference on Electrical and Computer Engineering will be held in Waterloo, Ontario from Sunday, May 24 to Thursday, May 28, 1998.

Papers are invited, in English or French, on any of the following topics:

Communications, Networks and Wireless Systems Control Theory and Applications Computers and Digital Hardware Software Engineering Circuits, Systems and VLSI Electronic and Optoelectronic Devices Power Systems, Electronics and Environment Electromagnetics and Optics Signal Processing Biomedical Engineering Other

Please submit, before Friday, November 28, 1997, one copy of a 500-word summary of your paper to the postal address, fax number or email address shown below. Include your postal address, telephone and fax number and email address on the submission, and specify the most appropriate topic area(s) for your paper (in order of preference). Notification of acceptance will be sent on Monday, January 12, 1998. Accepted papers will be published in the conference proceedings. A camera-ready version of the paper, adhering to the conference guidelines, must be received prior to Friday, March 20, 1998. Information about the conference, as it becomes available, will be posted to the URL below. We look forward to your participation in CCECE'98.

George Freeman, Conference Chair, (519) 885-1211 x2876
George Kesidis, Technical Program Co-Chair,
(519) 885-1211 x5338

Arokia Nathan, Technical Program Co-Chair,
(519) 885-1211 x4803

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STUDENT PAPERS NIGHT - ADVANCED NOTICE

The student papers night for 1998 will be held on Tuesday, March 24. More details in our next issue.

CORRECTION

The article in the October 1997 issue of this newsletter "Todd Verhuizen asked whether C++ can be faster than Fortran" was by Tom East, not Slawo Wesolkowski.

HELP WANTED

Companies looking for electrical, electronics and computer engineers can advertise in this space. E-mail your requirements to Tom East: 102432.2337@compuserve.com

"Advertisers thank all those who apply, but only those selected for an interview will be contacted".

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