



IEEE NEWSLETTER

KITCHENER - WATERLOO SECTION



MAY 1990

TWO INTERESTING EVENTS FOR MAY 1990 IN THE KITCHENER-WATERLOO SECTION

- Wed., May 2: **Dr. David L. Parnas** of Queen's University, Kingston, lectures on **EDUCATION FOR COMPUTING PROFESSIONALS** at U.W.; see page 4 for details.
- Wed., May 30: **THE ANNUAL GENERAL MEETING OF THE K-W SECTION**, followed by the film **MEETINGS, BLOODY MEETINGS**, starring John Kleese. See page 3 for more information.

NON-MEMBERS ARE MOST WELCOME AT OUR MEETINGS

Also in this issue

- **TEN YEARS TO 2000**, Canadian Conference on Electrical and Computer Engineering, Ottawa, Ontario, September 4-6, 1990. Details on page 2.
- **CCVLSI 90**, 1990 Canadian Conference on Very Large Scale Integration, Ottawa, Ontario, October 21-23, 1990. More information on page 2.

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and
Techniques, Antennas and Propagation:
Len Chow, (519)885-1211,ext.2822

ADDRESS: K-W Section IEEE
c/o Elect. Eng. Dept., E-2. 3343
University of Waterloo
Waterloo, Ont. N2L 3G1

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-Stream A: Gord Agnew, (519)885-1211,ext.3041
-Stream B: George Freeman, (519)885-1211,ext.2876

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.

TEN YEARS TO 2000

IEEE Canada and IEE (UK) Ottawa Section are staging;

Canadian Conference on Electrical and Computer Engineering

Date: September 4 - 6, 1990

Place: Westin Hotel, Ottawa, Ontario

This conference provides a forum for the presentation of electrical and computer engineering research work carried out in (but not limited to) Canada and to foster interaction between industrial and university researchers.

Keynote Speaker will be Dr. L. Zadeh, University of Californias, Berkeley. He will speak on Fuzzy Logic.

For more information call Mrs. Kathy Mahoney, Kanata, Ontario, tel. 613-592-8160. Register before 6 July for the best rates.

CCVLSI 90

1990 Canadian Conference on Very Large Scale Integration

Date: October 21-23, 1990

Place: Westin Hotel, Ottawa, Ontario

Deadline for submission of papers: May 1st 1990

for further information contact Chong Chan, OCRI, Kanata, phone 613-592-8160 fax 613/592-8163

Sign seen in the KW Hospital Cafeteria:

DON'T TAKE YOUR ORGANS TO HEAVEN!
HEAVEN KNOWS, WE NEED THEM HERE.

(After all, we don't work in The Last Emperor's palace - Ed.)

WEDNESDAY, MAY 30, 1990

1. ANNUAL GENERAL MEETING
KITCHENER-WATERLOO SECTION, IEEE
2. MEETINGS, BLOODY MEETINGS
starring JOHN KLEESE

Time: 7:30 p.m.
 Place: University of Waterloo
 Davis Centre, Room 1302
 Contact: Oleg Feldgajer 884-1710

Spouses are especially invited to attend the short business meeting and the movie.

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

The Nominating Committee (chairman Keith Campbell) has proposed a slate of names to serve on the K-W Section's Executive Committee from July 1, 1990 to June 30, 1991. 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 to stand in writing,
 - b) obtain supporting signatures of two percent of the voting members,
 - c) submit these documents to the Secretary, John Lit, Physics Dept., Wilfrid Laurier University by May 25th, 1989.

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

2. MEETINGS, BLOODY MEETINGS

Movie starring John Kleese

Most IEEE members - and their spouses - spend a lot of time attending meetings. Sometimes this activity surpasses commuting as the day's biggest time-waster. But it needn't be so. This highly entertaining film contains some valuable lessons for making meetings productive and concise.

SLATE PROPOSED BY THE NOMINATING COMMITTEE FOR 1990-1991:

Officers:

Chairman: Oleg Feldgajer, NCR

Vice-chairman:

Secretary:

Treasurer: John Mobray, NCR

Committee Chairmen:

Education Committee

Chairman:

Ed Spike, UW

Program Chairman:

Program Committee:

Bob Dietz, REDARR
Bert Knox, Retired
Harish Upreti

Publicity Chairman:

Membership 2nd Transfers

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University of Waterloo

Stream A: Gordon Agnew

Stream B: George Freeman

Chapter Chairmen:

Acoustics, Speech and

Signal Processing:

George Freeman, UW

Antennas and Propagation,

Circuits and Systems, Electron

Devices, Microwave Theory ;

and Techniques:

Len Chow, UW

Computers:

Wayne Loucks, UW

EDUCATION FOR COMPUTING PROFESSIONALS by David Lorge Parnas

Time: Wednesday May 2nd 1990 at 7:30 p.m.
Place: Room DC 1302, Davis Centre, University of Waterloo
Speaker: Dr. Parnas is with the Telecommunications Research Institute of Ontario, Department of Computing and Information Science, Queen's University, Kingston, Ontario.

Subject:

Engineering is often defined as the use of scientific knowledge and principles for practical purposes, and today includes a broad variety of fields such as chemical, electronic and mechanical engineering. The vast majority of graduates of computing science programs become engineers, not scientists, but are they well prepared for engineering careers? The earliest Computing Science programs focussed on interests of their founders, namely artificial intelligence, abstract models of computing, compiling, computer architecture, numerical analysis, programming languages and program design. With the possible exception of numerical analysis, almost all of these programs are set up in the Liberal Arts tradition, rather than modelled on Engineering. Are these topics the best choice for those who design safety-critical control systems, or systems for telephone switching, inventory control or medical imaging?

This talk seeks to provoke renewed discussion of our educational programs. It includes a strong critique of current programs and a proposal that stresses engineering and mathematical fundamentals over topics of current interest to computing scientists.

Sponsorship:

This talk is co-sponsored by the Institute for Computer Research, the Information Technology Research Centre, the Computer Science Club at the University of Waterloo, and the Computer Chapter of the Kitchener-Waterloo Section of the IEEE and University of Waterloo Student Branches A and B of the IEEE.

Coffee and cookies will be served after the talk in the ICR Corporate Partner Lounge DC 1301.



