



IEEE Newsletter

IEEE Queensland Section
Print Post Approval No. PP4458860011

ARBN 078576495
Volume 4 Issue 2, July 2001

From the Editor

Welcome to the second IEEE Newsletter for 2001. This newsletter discusses events in the IEEE Queensland section for approximately the first 6 months of this year. It also discusses future events that IEEE members can attend. I hope you find it to be an interesting read and a valuable resource.

As always, if you have any comments on the content of the newsletter or suggestions for improvements, please feel free to drop me a line via e-mail at M.Cowling@mailbox.gu.edu.au.

Michael Cowling
Newsletter Editor, IEEE Queensland Section

IEEE QUEENSLAND SECTION E-MAIL LIST

Future IEEE Queensland Section Events will be broadcast via e-mail. Notification of the publication of this newsletter will also be done over e-mail.

All IEEE Members who have notified the IEEE of their e-mail address will be automatically added to the e-mail list. Other members may subscribe by sending e-mail to majordomo@ieee.org with the body of their message containing **subscribe qld-section**.

You may unsubscribe by sending an e-mail to majordomo@ieee.org with the body of the message containing **unsubscribe qld-section your_email_address**

IEEE QUEENSLAND SECTION Chair's Report, 2001

Welcome to this the second newsletter for the year. My trip to Singapore to attend the Region 10 AGM has produced initiatives in the Women in Engineering and pre-university engineering areas. We have welcomed Ms Karen Whelan onto the committee who will be helping to develop programs in these areas which are seen as priority areas by IEEE.

We are trying to encourage activities in the chapters and the student branches, however at this time of year with most committee members being academics and hence being heavily involved in end of semester assessment this has slowed down a little. On the subject of committee membership I would like to encourage more industry people to take an active role in the IEEE by taking up a committee position, or simply helping to organise a function. For instance, right now we need people with a power engineering background to get some activities going in the power chapter.

Events should be advertised both in the newsletter and through the email list. I look forward to seeing you at some of our functions in the second half of the year.

Ed. Palmer
Chair, IEEE Queensland Section.

Event Notification

Are you organising an event that is relevant to the IEEE Queensland Section? If so, e-mail the editor and let us know! We might be able to advertise it in the newsletter for extra exposure.

IEEE Queensland Section Website

<http://www.ieee.org/queensland/>

Website maintained by:
Peter Sutton
p.sutton@csee.uq.edu.au

Activities of the Griffith University Gold Coast Campus IEEE Student Branch

The Griffith University Gold Coast Chapter kicked this year off with a membership drive on the 9th of May. The membership drive was combined with the School of IT information session which allowed students to find out about the subjects and areas of research that lecturers are involved in to help them make decisions for next semester and next year.

Students had the opportunity to speak with existing IEEE members whilst enjoying free pizza and soft drink. There was quite a large turn out which resulted in two orders of pizza! We are planning to hold another membership drive in week 3 of the second semester.

Jolon Faichney
Chair, GUGC IEEE Student Branch.

IEEE Computer Society Membership

If you (or somebody you know) is interested in joining the IEEE Computer Society or wish to know more about it, please e-mail the Chair of the Computer Society.

R.Sitte@mailbox.gu.edu.au

From the Chair of the Computer Chapter

On Wednesday 13 June 2001 Prof. Dr. Ing. Ulrich Rückert from Germany presented:

Do-it-yourself digital hardware: the Field Programming Gate Array revolution



In this presentation Prof. Ulrich Rückert spoke about architectures for systems on a chip and about the advantages of a hierarchical architecture. He spoke about hardware description languages for complex system design, and discussed the use of FPGA for rapid prototyping.

Professor Dr. Ulrich Rückert is Professor for Systems and Circuit Technology at the University of Paderborn. He is Chairman of the Heinz Nixdorf Institute and Associate Dean of Electrical Engineering.

The event was a great success with a relatively large audience and subsequent discussions. We wish to thank Professor Rückert for an inspiring presentation.

Dr. Renate Sitte
Chair of Computer Society Chapter
Queensland Section

Conference Announcement:

IMAGE 2001

*The 2nd International Symposium on Photonics
Technology & Applications*

Date: 25th-28th September, 2001.
Venue: University of Queensland.

For more information, visit:
<http://www.geosp.uq.edu.au/image2001/>

Computer Chapter Upcoming Events

August 2001, One week, Date TBA
*Joint Griffith University/ IEEE Computer
Chapter Intensive workshop (certificate for
participants)*

Prof. Dr. Werner Dirlwanger
University of Kassel, Germany
“Measurement of Information Processing
Systems Performance and of Software
Efficiency”
Venue: Griffith University
Registration Fees: TBA

August 2001, Date TBA
Seminar IEEE/IEAUST
Prof. Dr. Werner Dirlwanger
University of Kassel, Germany
“End User Oriented Software Performance
Measurement - Application and Benefits”

IEEE Joint Control Systems and Robotics & Automation Society Membership

If you (or somebody you know) is interested in joining the IEEE Joint Control Systems and Robotics & Automation Society or simply wish to know more about it, please e-mail the Chair of the Chapter.

L.Vlagic@me.gu.edu.au

From the Chair of the IEEE CSS/R&A Joint Chapter

It is a great pleasure to announce that the IEEE CSS/R&A Joint Societies Chapter was one of only four short listed finalists for the 2000 Best Chapter Award. It was a world-wide competition and we are glad that our chapter has achieved such high recognition after only two years in operation. I would like to thank all chapter supporters for their valued contribution.

The Chapter's recent technical presentation on ConneXion: Boeing's solution to a broadband communication system for use on commercial aircrafts. was presented by Boeing's Technical Director, Dr Terry Stevenson.

We will be hosting Dr Michel Parent, of INRIA France, on 5 October 2001. Dr Parent's talk is entitled Cybernetic Cars for a New Transportation System in the Cities.

We are planning to bring some more speakers to Brisbane and Queensland. Please stay tuned. Further details will follow soon. In the meantime, for more information, feel free to contact the Chapter Chair, Ljubo Vlagic, on ph: 07 3875 5024, or L.Vlagic@me.gu.edu.au

Assoc. Prof. Dr Ljubo Vlagic
Chair of Joint Chapter CSS/R&A
Queensland Section

Appointment of New Office Bearers

The IEEE Queensland section is happy to announce the appointment of two new office bearers in the IEEE Queensland Section. These are:

Mr John McDonald: Power Chapter Chair
Dr Tapan Kumar Saha: Student Counsellor

The IEEE Queensland section wishes these new office bearers all the best in their new positions.

IEEE Queensland Section

Chair

Dr. Ed Palmer
Queensland University of Technology
School of Electrical and Electronics Systems
Engineering
Email: e.palmer@qut.edu.au

Vice Chair

Dr. Renate Sitte
Griffith University, Gold Coast Campus
School of Information Technology
Email: r.sitte@mailbox.gu.edu.au

Secretary

Dr. Duncan Campbell
Queensland University of Technology
Email: da.campbell@qut.edu.au

Treasurer

Dr. Peter Sutton
University of Queensland
School of Computer Science and Electrical
Engineering
Email: p.sutton@csee.uq.edu.au

Chair, Power Engineering Chapter

Mr. John McDonald
University of Queensland
School of Computer Science and Electrical
Engineering
Email: mcdonaid@csee.uq.edu.au

Chair, Computer Chapter

Dr. Renate Sitte
Griffith University, Gold Coast Campus
School of Information Technology
Email: r.sitte@mailbox.gu.edu.au

Chair, Joint Control Systems and Robotics & Automation

Dr. L. Vlacic
Griffith University, Nathan Campus
School of Microelectronic Engineering
Email: l.vlacic@me.gu.edu.au

Chair, Joint Chapter of Signal Processing and Communications

Dr. S. Sridharan
Queensland University of Technology
School of Electrical and Electronics Systems
Engineering
Email : s.sridharan@qut.edu.au

Membership Development & Email Co-ordinator:

Mr. Simon Ellis
PO Box 5585, West End 4101
email: ellissj@hotmail.com

Technical Activities Chair

Dr. A. S. Dawood
Queensland University of Technology
School of Electrical and Electronics Systems
Engineering
Email: a.dawood@qut.edu.au

Educational Committee Chair

Dr. Wageeh Boles
Queensland University of Technology
School of Electrical and Electronics Systems
Engineering
Email: w.boles@qut.edu.au

Student Counsellor GU-GC

Miss Kathy Melih
Griffith University, Gold Coast Campus
School of Information Technology
Email : k.melih@mailbox.gu.edu.au

Student Counsellor QUT

Dr. Waghee Boles
Queensland University of Technology
School of Electrical and Electronics Systems
Engineering
Email: w.boles@qut.edu.au

Student Counsellor UQ

Dr. Tapan Kumar Saha
University of Queensland
School of Computer Science and Electrical
Engineering
Email: saha@csee.uq.edu.au

Student Chair GU-GC

Mr. Jolon Faichney
Griffith University, Gold Coast
School of Information Technology
Email: j.faichney@mailbox.gu.edu.au

Newsletter Editor

Mr. Michael Cowling
Griffith University, Gold Coast
School of Information Technology
Email: m.cowling@mailbox.gu.edu.au

Webmaster

Dr. Peter Sutton
University of Queensland
School of Computer Science and Electrical
Engineering
Email: p.sutton@csee.uq.edu.au