



IEEE Newsletter

Quarter 1/2, 2002

IEEE Queensland Section

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From the Editor

Welcome to the first IEEE Qld Section Newsletter for 2002. The aim of this newsletter is to provide a means of keeping IEEE Members in QLD abreast of any events in the IEEE. There will be three newsletters this year, issued in three-monthly instalments (Quarter 1/2, Quarter 3, Quarter 4). I hope you find them useful and informative.

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

Welcome to the first section newsletter for 2002. This year we plan three such newsletters as we did last year. Some of the IEEE QLD Section highlights planned for 2002 are student recruitment drives at all university campuses within our section, more professional activities, and a combined program of activities with IE Aust which will involve seminars given by distinguished speakers associated with each of our four chapters.

We were pleased to have two industry people along to our first committee meeting and we look forward to a greater industry involvement in our section activities. I would like to encourage more people to take an active role within the section by organising an activity or by taking on a committee position. Currently we are looking for someone to fill the role of professional activities chair as well as people interested in starting student branches at the University of Southern Queensland and Central Queensland University. If anyone is interested in taking up such a position please contact myself or another person on the committee.

The committee is currently discussing the formation of other programs and these will be advertised in the next newsletter. Also revised procedures for the election of office bearers will be advertised in forthcoming newsletters.

Best wishes for 2002

Ed. Palmer
Chair, IEEE Queensland Section.

Annual General Meeting 2001

The 2001 Annual General Meeting was held on Tuesday the 20th of November at Queensland University of Technology. At the AGM, reports were given the 2001 chair, Dr. Ed Palmer; the 2001 vice-chair Dr. Renate Sitte and the 2001 treasurer, Dr. Peter Sutton. Chapter and Student chairs also gave reports. After reports were presented and accepted, the most important part of the event, the election of a chair, vice-chair and treasurer for 2002 began.

Voting got underway with the election of a new chair for 2002. An independent moderator sat by as counter of the votes. After Simon Ellis had checked the validity of the proxy votes, each member cast their vote (with proxy votes). The moderator then tallied the votes and a surprising result was revealed. There was a tie! Even after proxy votes, both of the nominees (Dr. Tapan Saha and Dr. Ed Palmer) had equal votes. Votes were recounted, but the tie remained.

Due to this unforeseen event, the committee decided to suspend the election of further office bearers. Dr. Peter Sutton was elected as treasurer because his nomination was unopposed, but election of chair and vice-chair for 2002 was suspended (since the unsuccessful nominee for chair may wish to nominate as vice-chair). A new date was set for the election and any non-voting IEEE QLD Section members were given the opportunity to cast votes (via the newsletter).

At the new election (held in early January), votes were again cast and Dr. Ed Palmer was successfully elected as chair for 2002. Votes could then be cast for vice-chair and Dr. Renate Sitte was elected as vice-chair.

The IEEE Queensland Section would like to congratulate the new office bearers for 2002 and those returning for another year.

IEEE Queensland Section Website

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

Event Notification

Are you organising an event that is relevant to the IEEE Queensland Section? If so, e-mail the editor (M.Cowling@mailbox.gu.edu.au) and let us know! We might be able to advertise it in the newsletter for extra exposure. Appropriate events could include (but are not limited to):

- Conference Announcements
- Call for Papers
- Chapter Announcements
- Professional Seminars
- Anything else related to the IEEE!

From the Chair of the Power Engineering Chapter

Although activity in the Power Chapter has been a bit quiet since the successful seminar conducted by Dr Kame Khouzam on solar power applications at QUT in October last year, things can be expected to change in the following months. At this stage, seminars and presentations are being organised to cover fields as diverse as fuel cells, power systems applications of intelligent systems or even the current state of the Australian electricity market.

More details will follow shortly, but stay informed by regularly checking the Power chapter's web site (details below) where event information will be posted when finalised.

Power Chapter Website

http://www.eese.bee.qut.edu.au/people/palmer/ieee_pes/index.html

John McDonald
Chair of Power Engineering Society Chapter
Queensland Section

IEEE Power Engineering Chapter Membership

Interested in joining this chapter? If so, e-mail John McDonald (mcdonajd@csee.uq.edu.au) for details!

From the Chair of the Computer Chapter

First of all I wish to thank all our members in the Computer Chapter for their support and interest in the activities held in 2001, and also for the vast support that our current IEEE Queensland Section Committee has received in the election via proxy votes.

Planned Technical Activities

This year we have a short but certainly interesting agenda:

- For mid year we have scheduled again a visit of Professor Dr Ulrich Rückert. He will be presenting a workshop on reconfigurable electronic devices. 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.
- Towards the end of the year, Dr. David Fogel will come under the IEEE Distinguished Lecturer Program. Dr. David Fogel is a leading international authority on Evolutionary Computing (EC). He is CEO of Natural Selection, Inc., La Jolla, CA, in USA (www.natural-selection.com), a company that thrives by applying EC methods to the solution of industrial problems. Dr. Fogel will be presenting a workshop on Evolutionary Computing aimed at those who are not (and might never have the need for it) using these techniques, but for the sake of curiosity do want to know what it is, how it works, etc, in particular people from Industry. For those of you who are acquainted or literate with EC, I am sure, there is ample opportunity to learn more.

We are still working out the exact dates. Closer to the events I will send out invitations per e-mail, and time permitting, in the next edition of this newsletter.

Please Contact the Chair of the Computer Chapter (r.sitte@mailbox.gu.edu.au) if you ...

- have an interesting topic that you wish to share with the IEEE Computer community by presenting a seminar or a workshop (e.g. your most recent international conference paper)
- wish to contribute to the Computer Chapter's technical activities in any other way (e.g. organizing a conference or workshop and need support)
- have any question or issue that you would like to discuss with a panel of experts

**Dr. Renate Sitte
Chair of Computer Society Chapter
Queensland Section**

Conference Alert

2002 IEEE World Congress on Computational Intelligence

Honolulu, Hawaii, USA

May 12-17, 2002

Website: <http://www.wcci2002.org>

Activities of the Griffith University Gold Coast Campus IEEE Student Branch

Griffith University's Gold Coast IEEE chapter recently (18th March) held its bi-annual membership drive to attract new members and increase awareness of the Chapter around campus. Kathy Melih, myself and a representative of the ACM were present to discuss the benefits of membership with students. There was ample pizza for all and we succeeded in recruiting several new IEEE student members, most of whom decided to subscribe to at least one technical society.

**Stuart Bain
Chair, GUGC IEEE Student Branch.**

IEEE Computer Chapter Membership

Interested in joining this chapter? If so, e-mail
Dr. Renate Sitte (r.sitte@mailbox.gu.edu.au)
for details!

IEEE Virtual Museum

Thomas Edison didn't invent the light bulb, so why does everyone think he did? What was the first computer? How did the patterns in a Utah cornfield lead to the development of TV? What is the "X" in an X-ray? Why are Alvin and the Chipmunks part of a museum about technology?

The answers to these questions and more are found in the new IEEE Virtual Museum launched at <http://www.ieee.org/museum>.

Designed for educators, pre-college students, and the general public, the virtual museum debuted with two exhibits containing audio and video clips, and interactive features:

- Socket to Me! How Electricity Came to Be
- The Beat Goes On: How Sounds are Recorded and Played.

Three more exhibits are in production and are scheduled for release by third quarter 2002. These will explore the different applications of microwaves, the works of Thomas Edison, and contributions women have made to electrical and information technologies.

The IEEE Virtual Museum explores the global social impact of electrical and information sciences and technologies and demonstrates the relevance of engineering and engineers to society. It is supported by the IEEE Foundation, the IEEE Life Members, and the Trustees of the IEEE History Center.

IEEE Communications Chapter Membership

Interested in joining this chapter? If so, e-mail
Dr. Sridha Sridharan (s.sridharan@qut.edu.au)
for details!

NEWS FROM THE IEEE COMMUNICATIONS CHAPTER

The following journals (hard copy) are available from the IEEE Communications Society for reference.

1. IEEE Communications Magazine
2. IEEE Journal on Selected Areas in Communications
3. IEEE Transactions on Communications
4. IEEE Network
5. IEEE Personal Communications
6. IEEE/ACM Transaction on Networking
7. IEEE Communications Letters.

If you wish to refer to them please contact the Chair of the IEEE Chapter on Communication by telephone or email. The journals are also available at the QUT library.

**Professor Sridha Sridharan
Chair, Communications Society, IEEE
Chapter, Queensland Section**

Conference Alert

First International Conference on Information Technology & Applications (ICITA2002)

*Bathurst, NSW, Australia
(200km west of Sydney)*

November 24 - 28, 2002

Website: <http://odysseus.mit.csu.edu.au>

*ICITA2002 will be held immediately after
Globecon2002 (to be held in Taiwan), which
gives delegates an ideal opportunity to attend
both conferences in one conference trip!*

IEEE Queensland Section

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Position Open

Educational Activities

Position Open

Student Activities

Position Open

Awards

Position Open

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