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IEEE NEW SOUTH WALES SECTION  
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**Volume 37 Issue 3****November 2010****Contents**

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**Editorial**

As mentioned in the July edition of Circuit, the combined AGM and Dinner is being held on 26 November 2010. This year, the event is taking place at the Shangri-La hotel in the City, with proceedings commencing at 6pm (for the initial Chapters Meetings). The IEEE NSW Section will be covering the cost of the dinner. Registration closes **19 November 2010**, so please don't delay in getting your registration form in to avoid missing out on what's sure to be a great night. Further information can be found on the booking slip on page 9 of the newsletter. I look forward to seeing you all there!



Mark O'Mally [mark.omally@ieee.org](mailto:mark.omally@ieee.org)  
 Editor, Circuit Newsletter, NSW Section

**1. Message from the Chair**

Two years ago I was honored to be elected as Chairman of the IEEE NSW Section and have taken this opportunity to enhance member services. Particular efforts have been made to restructure the Committee and promote activities to benefit members.

Over the past two years the IEEE NSW Section has initiated the following: (1) Industry and Government Liaison Committee; (2) ARC Linkage Liaison Committee to provide university researchers with much needed funding from industry and Government partners; (3) Continuing Education Committee; (4) Conference Liaison Committee to attract major IEEE international conferences to be held in Australia; and (5) Student Job Services to inform members of job opportunities and scholarship offerings.

We have also developed bilateral relations in the form of a MOU with the IEEE Russia Siberian Section and IEEE Thailand Section which, I am pleased to report, has resulted in the extension of the Australian Government's Endeavour Scholarship Program. This year, the IEEE NSW and Russia Siberian Section jointly ran the Russia and Pacific Conference on Computer Technology and Applications which attracted much media attention in Russia, with TV, radio and newspaper coverage.



David Tien meets with Russian media

Last but not the least, I would like to thank all of you for your support and wish you a happy festival season.



David Tien [dtien@csu.edu.au](mailto:dtien@csu.edu.au)  
 Chair, NSW Section

## 2. News in Brief

### 2.1. Visit to Charles Sturt Wagga Campus

In order to promote IEEE activities beyond Sydney, the Executive Committee held a meeting in Wagga Wagga, NSW, on 1 November 2010. The trip was a great success with our members treated to a tour of the Charles Sturt University campus and more importantly a tour of the University's winery! Thanks to all involved in coordinating the event.



*Wine tasting*

### 2.2. Women in Engineering (WiE)

To support an effort to form the WiE affinity group, IEEE NSW Section invites female IEEE members to sign a petition which will be circulated at the dinner following the 2010 AGM. This is our last effort to form this group and only six signatures are required.

The objective of WiE is to form a support group for female IEEE members, facilitating emotional and moral support

to enhance quality of life. Once the group is formed, IEEE NSW will dedicate some money to support members on functions such as social gatherings and the like.



**Kim Chin** [vsigma@optusnet.com.au](mailto:vsigma@optusnet.com.au)

**WiE Group Leader, NSW Section**

### 2.3. IEEE History and Heritage

As a member of the IEEE, your member login will allow you to access the IEEE Global History Network. The Global history Network has been setup to capture anecdotes and oral histories of individuals, sections, chapters and pretty much anything else that falls in the historic or heritage area. Importantly, and many ignore this, the things that happened yesterday are now history and hopefully a spark inside each of you may stir enough for you to logon to the GHN and add something. This can be to an existing page, or indeed, start a new page with your pet interest.

To find it, just type "IEEE GHN" into any good Internet search engine and proceed with your normal login.



**David Burger** [k3hz@ieee.org](mailto:k3hz@ieee.org)

**Historian 2010, IEEE NSW Section**

### 2.4. Sydney University Survey

The University of Sydney is currently conducting an online survey about how Australian enterprise-level ICT decision makers think about privacy issues when considering cloud computing services - such as the use of hosted services in 'the cloud' e.g. Google for documents and email, Salesforce.com, Project Insight for project management, and more recently complete Internet-based IT platforms such as Amazon EC2 or Microsoft Azure. The link to the online survey is:

[http://www.cs.usyd.edu.au/~dbrg/privacysurvey\\_enterprise/](http://www.cs.usyd.edu.au/~dbrg/privacysurvey_enterprise/)

Please be so kind to pass this information on to anyone you consider would be interested in completing the survey. No identifying personal details will be collected

and your responses are kept anonymous. We estimate that the survey will take no more than 20 minutes to complete.

If you are interested in this topic from a more personal point-of-view as Internet user yourself, we also do a complementary survey on the privacy awareness of Australian Internet users. You can find that end-user survey [here:](http://www.cs.usyd.edu.au/~dbrg/privacysurvey_user/)  
[http://www.cs.usyd.edu.au/~dbrg/privacysurvey\\_user/](http://www.cs.usyd.edu.au/~dbrg/privacysurvey_user/)

Thanks you for your time and participation!

## 2.5. Life Members

We held our first meeting of the year on the 23rd of September to hear Arek Sinanian's lecture entitled Climate Change Burden or Responsibility? Six Life members registered for the meeting but only three joined us along with 105 other members from IET, Engineers Australia and IEEE. Arek is an international expert on greenhouse gas abatement, carbon accounting, cleaner production and sustainable development.

You should have by now received your IEEE membership 2011 Renewal Notice. Life Members have been invited to pay a voluntary contribution to the IEEE Life Members Fund. You may have also received an orange card from George McClure, Chair of the 2010 IEEE Life Members Committee, with the following message:

*In commemoration of the many engineering feats our members helped make possible, and to recognize donors to the EE Life Members Fund, the IEEE Life Members Committee is offering the Electronic Numeric Integrator & Computer commemorative coaster. This is the fourth in a series of limited edition pewter coasters, each depicting historic IEEE Engineering Milestones.*

*To receive your 2010/2011 coaster, simply make a gift of US\$100 or more specifically to the IEEE Foundation – Life Members Fund (LMF). If you do not yet have your IEEE Life Member pin, a gift of US\$150 to the LMF entitles you to both the pin and the coaster.*

*Please support future achievements by giving back to the LMF when you return your annual membership profile or visit [www.ieee.org/donate](http://www.ieee.org/donate).*

For further information, e-mail [donate@ieee.org](mailto:donate@ieee.org).

I look forward to our next meeting, which will be held at the Shangri-La Hotel, 176 Cumberland Street, The Rocks, on Friday 26 November at 6:30pm prior to the AGM. Life members and their partners who have not been able to attend an AGM or the dinner since becoming life members are entitled to have two free tickets to the Annual Dinner which follows the AGM. Please contact me

on 9418 8695 so we can manage the numbers intending to take up this benefit.



**John L. Robinson** [jl.robinson@ieee.org](mailto:jl.robinson@ieee.org)  
 Chair, Life Members Affinity Group

## 2.6. Engineering Colloquia Update

The IEEE Student Branch at Macquarie University has been involved in many professional activities in 2010. Most notable and innovative is the *Macquarie University Engineering Colloquia (MQEC)*, a seminar series technically and financially sponsored by the IEEE NSW Section. The MQEC has become a regular forum for lectures beneficial to engineers and engineering students, given by internal and external speakers with diverse backgrounds. The refereed abstracts of the lectures will soon be published on-line in the *Proceedings of Macquarie Engineering Colloquia*. The seminar notifications, abstracts and speaker biographies are being posted online at [www.engineering.mq.edu.au/colloquia](http://www.engineering.mq.edu.au/colloquia). General public, including researchers, scientists, students and engineers are welcome to attend these colloquia. If you wish to nominate a lecturer please contact Professor Karu Esselle ([karu@ieee.org](mailto:karu@ieee.org)) or me ([yranga@ieee.org](mailto:yranga@ieee.org)).

Macquarie University Engineering Colloquia started on 19 February 2010 with a double seminar that included a first presentation given by Dr. Myung H. Sunwoo, a distinguished Lecturer of the IEEE Circuit and System Society and a senior member of IEEE, and the second given by Dr. Stevan Berber, a senior member of IEEE and a member of New Zealand Scientists Association. Around 40 people (including 21 IEEE members and 19 non - members) from around the state, with academic and industrial backgrounds, attended this historical event.

Dr Sunwoo, who is also the Executive Director of IEEK and Chair of the IEEK SOC Technical Committee, presented *Advancements on Promising Low-Power Reusable solutions: Application Specific Instruction-set Processors*. Dr Stevan Berber's lecture on Industry Oriented Research in Multi-User Systems and Wireless Sensor Networks focused on the industry oriented research activities in the field of multi-user systems, starting from general problems in the design and implementation of digital communication systems.

The Institute of Engineers, Sri Lanka (IESL) NSW Chapter jointly sponsored some MQEC events, held in



evenings and targeted for non-experts, including but not limited to practicing engineers of all specializations, undergraduate engineering students and high school students studying Physics. One example is a lecture on Fundamental of Earthing and Lighting by Mr Don Tissa Wijayasinghe, Distribution Manager from Integral Energy Australia. Thirty eight attended this event. Another IESL/IEEE/MQEC public lecture was given by Prof. Karu Esselle of Macquarie University on Capturing, Radiating and Guiding Waves in the Modern Wireless World. Thirty nine attended this highly simplified presentation targeted for general public.



*Mr Don Tissa Wijayasinghe*



*Professor Karu Esselle presenting to captive audience*

Other 2010 MQEC lectures by eminent speakers from industry and academics included the following.

- Compound Semiconductor Technologies for Wireless Backhaul : Anthony Fattorini
- Applications of Wideband Semiconductors for Microwave PAs : Francesco Fornetti
- A Holistic Approach to Patent Protection : Martin Friedgut
- Cooperative and Cognitive Radio Technologies: Dr Sithamparanathan Kandeepan
- Wireless Medical Implant Technologies : Dr Peter

Bradley

- Review of Study Leave Activities: Prof. Graham Town
- Design of High-Frequency Chaotic Signal Generators: Dr Venkata Gutta

The complete 2010 colloquia list will be available at:

<http://www.engineering.mq.edu.au/colloquia/2010colloquia/>

Under the umbrella of MQEC, PhD students and associates (of Macquarie and other universities) also presented their research project outcomes to a wider audience. Such seminars given in 2010 included:

- Phase Noise in Hetero-junction Bipolar Transistors: Oya Sevemli
- Differentially-Encoded Multilevel Block-Coded M-PSK Modulation: Dr Charles Lee
- Miniaturised Printed Monopole Antenna with Extremely Wide Bandwidth: Jianjun Liu
- Practical Aspects of Focal Plane Array Testing: Douglas B. Hayman
- Performance Analysis of Soft Frequency Reuse for Inter-cell Interference Coordination in LTE Networks: Yiwei Yu
- Tunable Periodic Structures: Dushmantha Thalakituna
- EBG-resonator antenna: Dr Yuehe Ge
- Ultra-wideband antennas: Yogesh Ranga

Branch membership numbers have increased since 2008 and as a result we now have more volunteers to organise branch activities effectively. Several branch executives graduated in 2010 and the current committee for 2010 is as follows: Mr. Yogesh Ranga (Chair), Dushmantha Thalakituna (Vice Chair), Yiwei Yu (Secretary), Carl Svensson and Jin Lai, Assoc. Editor of MQEC (Publishing).



*2010 MQEC Committee Executives and Volunteers*

Many IEEE student branches across Australia and New Zealand have organized an IEEE Student Congress in Melbourne, called ANZCON 2010. It is targeted at all Australian and New Zealand IEEE student members. The objective of this congress is to help students from all Australian and New Zealand Sections to meet, to expand their networks and to share ideas. Students from Macquarie University regularly participate in meetings and discussions related to the organisation of this event. Students from Macquarie University will attend the event in Melbourne in November 2010. Their travel is sponsored by the IEEE NSW Section.

**Yogesh Ranga** [yranga@ieee.org](mailto:yranga@ieee.org)  
Chair, MQEC

## 2.7. Bits and Pieces

The IEEE Foundation established and manages the IEEE-Eta Kappa Nu Restricted Fund that will provide resources to IEEE-HKN in support of its core purpose: to recognize students who have achieved excellence in the IEEE technical fields of interest.

Eta Kappa Nu (HKN), formerly a non-profit, public-service organization comprised of nearly 200 university chapters, is now IEEE's official honor society and an organizational unit of IEEE.

IEEE members can donate to the IEEE-HKN Restricted Fund through the 2011 dues renewal process or visit [www.ieee.org/donate](http://www.ieee.org/donate).

## 2.8. Welcome to Our New Members and Upgrade Members

From 1 June to 31 October 2010, we have the following new members or newly upgraded members:

### Senior Member Grade

Christopher M Kellett  
Kwan Wing Hing Paul  
Alexander M Slade

### Member Grade

Errol H Pollnow  
Md Abu S Miah  
Andrew J Kleinert  
Manal E Helal  
Doan B Hoang  
Shanta P Jayawardana  
M A Ott  
Branko G Celler  
Gary A Derbyshire  
Andy Cheung  
David A Coward  
Stephen Gould  
Paul Adam Ruskin

### Member Grade Cont.

Stephen Gould  
Paul Adam Ruskin  
Keith Willey  
Aous T Naman  
Stephen Leslie Tansing  
Philip Chung  
Glen Preema  
Darryn W Lowe  
Terng Y Ng  
German J Castro  
Lei Shang  
Dale A Prokopovich  
Joao Carlos Aydos  
Vivian W Yung  
Joshua Ross Wall  
Zhen W Chen  
Kumudu S Munasinghe  
Jie Xu

## 2.8. Welcome to Our New Members and Upgrade Members (cont.)

### Member Grade Cont.

Keith Willey  
Aous T Naman  
Stephen L Tansing  
Philip Chung  
Glen Preema  
Darryn W Lowe  
Terng Y Ng  
German J Castro  
Lei Shang  
Dale A Prokopovich  
Joao Carlos Aydos  
Vivian W Yung  
Joshua Ross Wall  
Zhen W Chen  
David Tsai  
Sean E Luskey  
David N Carr  
Arun Vishwanath  
Lee D Walsh  
Qestra Mulqueeny  
Douglas J Wright  
Eng Hwee Ong  
Dody Ismoyo  
Jan C Chan  
Tarek Taha  
Xiaoming Chen  
Xiaoke Yi  
V Pasupathinathan  
Byron N Wicks  
Gunawan Herman  
Thomas X H Huang  
Rachel L Mackie  
Wilson Pok  
Nicholas J Car  
Kai Xian Lai  
Rami N Khushaba  
Adam M Burke  
Alex H Ng  
Junghum Yu  
Benoy Varghese  
Louis H Jung  
Gregory Mar  
Michael R Narayanan  
Liviu Constantinescu  
Vidhyasaharan Sethu  
Ka Ming Leung  
Ante Prodan  
Fazirulhisyam Hashim  
Paul W Morrison  
Wei Li  
Duncan McNab  
Henra Sung  
Alireza Zonnoorian  
Terence Chen  
Harry Jones  
kaushik Kundu  
Terry Chien-Jen Yang

### Member Grade Cont.

Andrew P Bradshaw  
Daniel Bongiorno  
Farshad Javadi  
Evan Tan  
Fan Bai  
Feng Li  
Yaozhou Ma  
Nai Shyan Lai  
Weisheng Si  
Bang Matt Zhang  
Jun Yang  
Hamood U R Khawaja  
Jesmeen Sultana Keya  
Kui Zhang  
Gregory Martin Rankmore  
Yee Jern Chong  
Jianfan Zou  
Alfred Krzywicki  
robert shuhdi salama  
XIN HE  
Wee Han Lim  
Md. Shafiul A Howlader  
Ahmed Fawzi Ootom  
Binghuang Cai  
Christopher Wright  
William Corcoran  
Xiaofeng Wu  
Nan Yang  
Lingxiao Zhou  
Amr Al Abed  
Craig Wright  
Nicholas R J Lawrance  
Mark Platt  
sarath pathuri  
Edwina Mead  
Mohammad Choucair  
Damian Edgardo Marelli  
Boyang Hu  
Anne-Marie Charrett  
Peter Smart  
Iyad Yousef Alsmairat  
Corby MO-SZU Fu  
Fahd Ayyalil Mohiyaddin  
ChiMan Chan  
Rodger Paino  
Simon Chow  
Lukasz Wiklendt  
P PHILIPS  
ZHI LI  
Hao Ye  
Anthony Fowler  
Joy Deluxon Thiraviarajah  
Robert Malcolm Dunn  
Jeffrey John O'Neill  
Nicholas Yip  
Andrew Vieyra  
Anthony To

## 2.8 Welcome to Our New and Upgraded Members (cont.)

### Member Grade Cont.

Bao Tran  
Tolga Turegun  
Xianggao Kong  
Yang-Chieh Fan  
Ian Commerford  
Appu George  
Matthew Field  
Haseeb Raza  
Ronan McElhinney  
Artem Parakhine  
SAMPATH NS  
Jason Hambly  
Kyle Seton  
Dean Illfeld  
mehnaz zerin  
Abraham Wile  
Shan Chen  
Lewis Keith Garland  
Lin Wang  
Jeffrey ONeill  
Tao Tommy Wu  
Carlo Magno  
Adam McNeilly  
Drew Nicholas Sturgiss  
Heba Khamis  
Alan Chiang  
Jensyn Luc  
Tim Ma  
Peter Goreta  
Rowan Humphreys  
Muhammad A Cheema  
Jhoanna R I Pedrasa  
Bachar Adba  
Sachin Tandukar  
Chupendra Pun  
Arati Amatya  
Prashant Giri  
Xiang Li  
Mohan Kumar Upadhyaya  
Vaibhav Samadhiya  
Prakash Pandey  
Rakesh Suwal  
Ram Kumar Bista  
Sunil Bhujel  
Robert Christopher Fearn  
Iman Sadinezhad  
jhaman Advani  
Fawad Nazir  
jaebok lee  
Aman Kewal Dhareula  
Guangquan Zhang  
jignesh patel  
David Boehm  
Ali Bazaei  
Andrew Hill

### Member Grade Cont.

Badri Shrestha  
Quang Huy Pham  
Tanbir Rahman  
Andrew Roy Figgett  
Jawad Khattak  
Wessam Baghdadi  
Shiela May Servida  
Daniel Ho  
Saroj Pandeya  
Muhammad Haris Ghaus  
Sareh Mozafari  
Aresh Daruwalla  
Zaw Htoo Aung  
Khaled Alyoubi  
Van Thanh Huynh  
KEYU BAI  
Martin Thompson  
Abdulaziz M Aldukhayyil  
Clinton Peate Allison  
Robert Hayne  
Anastasia Cammaroto  
Mohammad Salay Naderi  
Sherine Micheal Antoun  
Venkatesh Mahadevan  
Jian Jun Zhang  
Daryl Chan  
Gordon James Sutton  
Andrew Gilbett  
Chris King  
Max Carpenter  
Enjie Jing  
Jason Cameron Errey  
Julian Vrbancich  
Peter J Johnston  
Ammar A Manaa  
Gordon Joseph Malouf  
Alyssia Cross  
jon anthony riley  
Novelene Wang  
Min Xu  
D. M. D R Dissanayaka  
Daniel Kukucka  
Ngai Ming Kwok  
Ian Lewis  
Leo Kauhanen  
Lu Wang  
Kameswara S Rachakonda  
Kostya K Ostrikov  
Tri Tran  
David Kenneth Wood  
Catherine Wiles  
Lyria Bennett Moses  
Jason Pieloor  
Philippa Morley  
Stephen Gillies

### Member Grade Cont.

Walter Robert Lyall Smith  
Rob Manson  
Monica Ann Murtagh  
Sean Toby Elphick  
Sheng Lin  
Debbie Vivian  
Jianguo Jack Wang  
Peter Sidney Emery  
Kwok Tsang  
Armando Estrella  
Omar Aziz  
Chris Cheshier  
Mohammad R Reyhanitabar  
Stephen Robinson  
Mohammed Ajaz Alikhan

### Student Member Grade

Chong Han  
Brendan M Harris  
Kiet Tuan VO  
Yogeshwar Ranga  
Mohammad Saab  
David A M McKenzie  
Sy Tien Nguyen  
Alexander Hayes  
Patrick Harrison  
Thanh Duc Nguyen  
Nuwan Shanuk Fernando  
Daniel Matthew Steinberg  
Tianruo Guo  
Zhuoyang Chen  
Jiawei Xie  
Scott Kennedy  
Mohammad Norouzi  
KONGLUAN LIN  
Alain White  
Brett Wayne Grentell  
Travis John Knight  
Kendal R William Smith  
Christian ALEXander Webb  
HERMAN H SINAGA  
Fernando Javier Micheaux  
Nicholas John Anderson  
Feng Bian  
Anup Kale

### Grad. Stud. Member Grade

Craig M Johnson  
Keith W Bannister  
Nasir Ahsan  
James F Roberts  
Alan T Murray  
Ronnie Taib  
Donald G Dansereau  
Daniel Tse

### Grad Cont.

Nicholas J Webb  
Dale R Bates  
Gilbert H Foo  
Blair D Howarth  
Anthony N Laskovski  
Tuan H Thi  
Hailun Tan  
Ahmad Ali Iqbal  
Robert Barnett  
Yin Chin Choo  
Nagaraj C Shivaramaiah  
Mirosh D Perera  
Anas M Aloudat  
Robbie Burns  
Syed Taha Ali  
Sabbir Hasan Khan  
Dimitri Semenovich  
Timothy Wong  
Abu Ahmad Abdal Rai  
Leon Chun Yin Lo  
HAICHUAN SHANG  
Nitin Nampalli  
PRAJWAL SUBEDI  
Julius Alfa Aseli  
Fei CHEN  
Lei Wang  
Gita K Moghaddam  
LEI SHI  
Yang Xie  
Abdulghani K Aljawi  
Ariell Lee Friedman  
Lashika J Medagoda  
Md Shahriar Rahman  
Changyang Li  
Wan N S W Nik  
Bernhard Mitchell  
ALI AKBAR SAMIRAD  
Qimin You  
Saeid Mehrkanoon  
Xiaochen Huang  
MD FARHAD HOSSAIN  
Liwei Li  
Chenyu Wang  
WEI ZHAO  
Sami saadeh  
Evan Morrison  
Gibson Hu  
Minjie Liu  
Emma McAuley  
Jebrin Al-Sharawneh  
Farzad Sanati  
Arun Babu Thangaraju  
Vitor C Guizilini



## 2.8. Welcome to Our New Members and Upgrade Members (cont.)

### Associate Member

Joshua P Toomey  
Victor Rotaru  
Matt Hurd  
Scott Reader  
brian mckeen  
Kai Zou  
Don Truong  
Ying Chuen Ho  
Benjamin Wang  
James Woon  
Rattiporn Luanrattana  
Craig Jones  
Patrick Tong  
A K Thevampalayam  
Myat Kyaw Lin  
Asheerwadam Jannu  
Shiv Bhattarai  
Steve Olney

### Associate Member Cont..

Kundan Pandey  
Davinder Singh Saggu  
Cameron Martin  
Jeeva Bharathi  
Michael Matheson  
Richard Hickling

### Affiliate Member

Franck Poubeau  
Saurabh Jain  
Andrew Sim  
Kyeong Kang  
OSCAR MAYORCA  
Dahai Li  
Junhua Li  
Valerie Gay  
Liam Douglas Thompson  
Min Zhao Wu  
Rubesh Kunwar

## 3. Chapter News

### 3.1 Joint Photonics/CAS/SSC/EDS Chapter

2010 has been a relatively active year for the Joint Chapter. In summary:

- 19/2/2010 – Professor Myung H. Sunwoo, IEEE Circuits and Systems Distinguished Lecturer, Ajou University, Korea, “Application-specific instruction set processors: promising low power reusable solutions”.
- 18/3/2010 - Professor Tetsuya Mizumoto, IEEE Photonics Society Distinguished Lecturer, Graduate School of Science and Engineering, Tokyo Institute of Technology, “Optical isolator: Application to photonic integrated circuits”.
- 7/5/2010 – Dr Peter Bradley, Zarlink Semiconductor, “Wireless medical implant technologies”.
- 5/8/2010 - Professor Juin J. Liou, Pegasus Distinguished Professor, University of Central Florida, “Electrostatic discharge (ESD) challenges in modern and future integrated circuits”.
- 20/10/2010 – Dr Steve Frisken. Site visit and tour of Finisar Australia Pty Ltd. Many thanks to Dr Steve Frisken for his insights into Finisar’s world-leading ROADM products, and for the tour of the factory.
- 28/10/2010 – Dr Peter Bradley, Zarlink Semiconductor, “A New Standard for wireless medical body area networks: IEEE 802.15.6” (Joint Electrical Institutions lecture).

The visit and lecture by Prof. Liou prompted a move to expand the joint chapter to include the Electron Devices Society. The expansion was approved by the Section following an email poll of members, and at time of writing is being formalised by the IEEE Geographic Activities Department. The change will provide access for EDS members to the activities of the Joint Chapter, with which there are clear synergies.

Other news is that the local Joint Chapter supported the Australian bid for ISCAS, which will be coming to Melbourne in 2014 – congratulations to Professor Jack Singh for his efforts in coordinating the bid. The local Joint Chapter is also sponsoring the 3rd Asia Pacific Optical Sensors Conference, to be held in Sydney in February 2012.

By the time members receive this issue of Circuit the only outstanding business for the year will be the Annual General Meeting for the Joint Chapter, to be held 30 minutes before the NSW Section AGM. The position of Chairperson and Secretary of the Joint Chapter will be open for nominations. I encourage any members wishing to contribute their time and enthusiasm to the Joint Chapter in 2010 to nominate. Please refer to details elsewhere in this newsletter for the time and location of the Section AGM – if you are unable to attend the AGM please email nominations to me at [graham.town@mq.edu.au](mailto:graham.town@mq.edu.au).

Lastly, a reminder to please keep your IEEE profile (especially email address) up to date. Also, please feel free to contact me with suggestions for technical meetings and other activities. I look forward to seeing both old and new members in the New Year.



**Professor Graham E. Town** [gtown@ics.mq.edu.au](mailto:gtown@ics.mq.edu.au)  
**Chairperson, IEEE Local Joint Chapter**  
**Photonics/CAS/SSC/EDS**

## 4. Technical Meetings & Conferences

All members are cordially invited to attend these joint lectures with the Engineers Australia (EA), IEEE and IET. These joint lectures will be held at 6.00 pm (with light refreshments from 5:30pm) at the EA, 8 Thomas Street, Chatswood, NSW, unless otherwise stated.

All members should check the latest updates of the Meetings & Conferences a couple of days prior to the actual date at the IEEE NSW News bulletins at: <http://www.google.com/calendar/embed?src=k3hz%40ieee.org&ctz=Australia/Sydney> and also the EA at [http://www.engineersaustralia.org.au/events/events\\_home.cfm](http://www.engineersaustralia.org.au/events/events_home.cfm) to prevent any potential disappointment due to last minute changes.

Date (2010/2011)	Event/Meeting/Conference	Speaker	Host	Contact	Venue
25 Nov 2010	Tunnel Lighting Techniques	John Rogers	IET	A Sangster	EA Auditorium
26 Nov 2010	IEEE NSW AGM and Dinner		IEEE	Eddie Fong	Shangri-La Hotel
30 Nov 2010	Electrical Eng of the Year	K Brown	EA	Allan Sangster	EA Auditorium
10 Feb 2011	Wireless Body Network 802.15.6	Peter Brady	IEEE	Eddie Fong	EA Auditorium

***Circuit* reaches over 2400 IEEE members in NSW.**

**For advertising in *Circuit***

**Please contact:**

**Mark O'Mally +614 11026960 or [mark.omally@ieee.org](mailto:mark.omally@ieee.org)**



## 6. IEEE NSW Section 2010 Annual General Meeting Reservation

**Date:** Friday, 26 November 2010

**RSVP:** Friday 19 November 2010

**Times:** 6pm Chapters' Meetings, 7pm NSW Section AGM, and 8pm NSW Section Dinner

**Venue:** Shangri-La Hotel, Sydney 176 Cumberland St, Sydney NSW 2000  
(02) 9250 6000 – web: [shangri-la.com](http://shangri-la.com)

**Hotel Room:** Special rate of \$320 Deluxe King Room subject to availability (mention IEEE when booking)

**Car Park:** \$39 car park in the hotel subject to availability

**IEEE will cover the cost of your dinner (partner included) for all registrations received before the RSVP date above. However, a cost of \$85 will be charged to your credit card in the event of cancellation after 19 November 2010**

### Reservation Form

Name:.....Tel:.....

Membership No.:.....

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**P:** 0413777511



# TWELFTH AUSTRALIAN SYMPOSIUM ON ANTENNAS

## Curzon Hall, Sydney

### 16–17 February 2011

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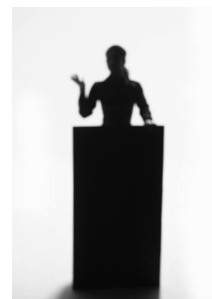
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