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Circuit

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Editorial

Hi and welcome to the March edition of Circuit. We're only a few months into 2012 and already there has been a great deal of activity within the Committee planning for a busy year ahead!

A big thank you to all who came along to the AGM and Dinner last November. As always, the night was a great success and attended by some 60 members. It was pleasing to see some of our younger members in attendance representing their respective student branches. Also, congratulations to all of our award winners on the night, particularly Yogesh Ranga (awarded the exemplary student branch award for 2010) who has been a great contributor to Circuit over the last year.

Finally, due to me taking on the role of Section Treasurer this year I will be standing down as Editor of Circuit. I have enjoyed my time in the editorial chair but equally am looking forward to my new role. We are currently searching for a volunteer to take over as Editor. I would be interested in hearing from anyone who would be interested in taking on the role.

Mark O'Mally markomally@ieee.org
Editor, Circuit Newsletter, NSW Section

1. Message from the Chair

Thank you for your support and engagement with the NSW Section activities in 2011. We had a successful year and I would like to take this opportunity to thank the 2011 NSW Section Committee members for their efforts and contribution.

This year, Australia Council (AC) will be forming the Australian Distinguished Lecturers (ADLs) who are not part of the IEEE Society/Chapter DLs. We will keep you informed when AC is ready to begin nominations and encourage all eligible candidates in NSW to apply.

I recently attended the 2012 Region 10 Meeting which was held in Kolkata, India, from 3 to 5 March. During the Meet, Howard Michel, VP of MGA presented the "Shared Reserve" plan that the IEEE Board has decided to implement. This plan will have an impact on some Sections' financial reserve budget but the details are yet to be released by MGA.

We have submitted a bid to host the 2013 Region 10 Meeting (proposed venue is the Fairmont Resort, Blue Mountains, Australia). I am hopeful that the bid will be successful, which will allow more Australian IEEE members to attend this worthwhile meeting.

As announced in the AGM 2011, this year we are looking to organise the IEEE Teacher in Service Program (TISP). It will most likely be held in September, but this is yet to be confirmed – further details will be communicated to members soon.

Last but not least, I wish you good health and a good year ahead. I look forward to meeting you at the 2012 activities.

Eddie Fong eddiefong@ieee.org
Chair, NSW Section

2. News in Brief

2.1 Globecom 2011

Professor Ramutis (“Zak”) Zakarevicius was invited to give a presentation on behalf of our IEEE NSW Section on the impact of the Internet at Globecom 2011, which was held in Houston, USA. Below is a summary of Zak’s presentation which was delivered during the Industry Forum Session on IPv6 on Wednesday, December 7, 2011. You may recall, Globecom 1998 was held in Sydney.

Zak’s presentation during the Industry Forum Session

The last twenty years or so have seen a major transformation in Australia of many aspects of public and private activities due to the Internet. The way we do business and the way we interact with other people have now been transformed in ways hardly conceivable 20 years ago.

Many of the ways that internet has impacted Australia are also manifest in other countries. But in some ways the internet in Australia has influenced the course of events in ways probably unique to Australia. Let us first look at these possibly unique aspects and then briefly deal with features of the Internet affecting Australia in ways comparable to other countries.

In Australia the politics of the Internet has been critical in deciding the outcome of the last Federal Election in 2010. Australia has now started building the National Broadband Network (NBN), but this project was hotly debated during the election campaign. Neither of the major parties achieved an absolute majority in the election and the strong support of a key independent for the government’s NBN position was critical in determining the election outcome.

NBN is of special significance to Australia, as it is a continent with most of the population living near the coast and with communications problematic over large distances, especially in remote areas of the centre.

2.1 Globecom 2011 cont.

The aim of the NBN is to enable virtually every person in the country to access super fast internet, even in remote rural areas (up to 93% coverage). It will be rolled out over 10 years at a cost of $36 billion to achieve internet speeds of up to 100 Mb/s. The NBN when fully deployed will make the impact of the Internet even more significant, defeating the so called “tyranny of distance”. When unveiling the network, Australia’s Prime Minister described it as the "largest nation building infrastructure project in Australian history".

The Internet has enabled access to a wide range of information much more readily, has allowed easier contact among people and, what is very significant for Australia, has enabled cheap communications across the globe. Communicating with friends overseas is now no longer a problem. Having access to information at the same time as people overseas is now a reality. Gone are the days when there was a 3-4 month delay in receiving the latest IEEE journals, for example.

The Internet directly or indirectly now intrudes into virtually every aspect of life. Shopping, payment of bills, banking, booking of tickets, making reservations for travel and so on can now be done online. Even when not done online, many activities are still internet dependent and when the Internet fails life can be severely interrupted – for example, there have been a number of instances of banking system failures and failures of airline reservation systems. It was recently estimated that the internet in Australia contributes to Australia’s GDP almost as much as the mining industry, which is Australia’s greatest export earner. Interestingly, though the internet has reduced the Post Office’s letter delivery business, it remarkably provided a substantial growth to its parcel delivery service, as a result of the increasing popularity of online purchases. One interesting example - even the livestock industry has benefited; livestock now do not have to be shipped huge distances to sales yards, they now can be viewed and purchased online.

Zak with Steve Weinstein, Chair of IEEE Communications Society History Committee

2.1 Globecom 2011 cont.

The Internet is causing a rapid evolution of the general media landscape, affecting print media, TV delivery. Contentious issues of internet filtering and privacy have been raised. As elsewhere, there have been problems with criminal misuse of the internet – cyber attacks on government, hacking of private information, online fraud, denial of service attacks, cyber bullying, child pornography, identity theft and so on. Internet gambling is of concern.

Australians are rapidly adapting to and also innovatively contributing to transformations in modes of communication spurred on by the internet and social media in particular. Not all changes are for the good, but they certainly are profound.

2.2 University of Sydney (USyd) Student Branch

The IEEE University of Sydney (USyd) student banch was re-activated last October through the initiative of Nejla Ghaboosi (now Chairperson) and with the support of Mr. Bruce Poon (Membership Development Chair, IEEE NSW Section) and mentor Dr. Kumudu Munasinghe. Since then, meetings have been planned for events that are considered to be of benefit to students whilst being align with the IEEE aims.

Robert Webster at the USyd IEEE Stall

The IEEE USyd student branch was lucky enough to secure a stall during orientation week to re-introduce themselves to the engineering & IT students of the University. Despite the lack of sun (and overwhelming presence of rain), a considerable number of people took up the offer of free membership (offered to postgraduates and senior undergraduates). Many more signed up to be on the IEEE USyd student branch mailing list and expressed an interest in their activities. The chief of membership development, Robert Webster (pictured above) did a great job in raising awareness of the goals and objectives of the IEEE.

2.2 University of Sydney (USyd) Student Branch cont.

The IEEE USyd student branch is currently planning the following events:

- Monthly seminars, providing postgraduates and senior undergraduates with valuable experience in public presentation. Prizes will be given for the best speaker at the end of the series, and all participants will be given feedback from peers.
- The distinguished speaker series, where high profile speakers can inspire and inform the USyd community.
- Industry speaker talks and industry tours, providing students with links to industry.

Bruce Poon bruce.poon@ieee.org
Membership Development Chairman, IEEE NSW Section

2.3 Visit by David Alan Grier, 2013 Computer Society President Elect.

A visit to meet the technical community:

“Most North Americans find the evening sky disorienting,” explained my host. “After all, the moon is upside down from the view you see in the northern hemisphere.”

When he saw that I hesitated to accept his word, he quickly added “Do the geometry. You’ll see.”

My ten days in Australia proved to be an upside down time for me. I normally like to interview engineers and computer scientists in business and learn how they are using their knowledge. Instead, I spent most of the trip at universities, talking myself and listening all too little. Still, that brief time confirmed that the Australian computing community has had successes similar to those in other industrial parts of the world. It is also facing problems e.g. that common problem of trying to understand how to develop that community and how they can promote it to support Australian business.

For the past 66 years, computer science has been an open discipline that has operated in ways quite unlike the conventional sciences or engineering fields. It has always faced a shortage of talent and hence been open to anyone who can do the work no matter how they are trained.

2.3 Visit by David Alan Grier, 2013 Computer Society Pres Elect. Cont.

This has produced a field that has been remarkably fluid and free from barriers. It has also produced institutions that have had a hard time describing what a computer scientist might be and how such people are to be properly educated.

During one lunch – it might have been in Sydney but I suspect that it was in Melbourne – I was talking with new found colleagues about the problems of educating students when one person blurted out "I just don't understand how students learn all this stuff, they spend so much time on Twitter and Facebook and other things."

Of course, I had little new to add to a discussion on such topics. I've recently argued that the children of the 1950s are now getting a taste of the changes that they inflicted on their parents by getting more of their information from television than from books or from talks with the older generation. Still, I can sympathize with such frustrations. Building a body of knowledge means that you have to tend to that community which is interested in that knowledge, educate its members and, most importantly recruit new members. The technology that we have spent our careers developing is being used to create new kinds of technical societies that we no longer easily recognise.

Even if we don't recognise this community, we have the responsibility of elders to listen to the new members of this community and help them shape the community that will support technological development for coming generations. It means that we have to listen more than we talk, unlike what I just did. It may also mean that we have to acknowledge that the moon is upside down, even though it is the same moon that we have known and loved all our life.

David Alan Grier
David Alan Grier is the 2013 President of the IEEE Computer Society and a contributor to Computer Magazine. He recently visited Australia. The 10 days he spent in that country were far too short.

2.4 Tenth Anniversary of ICITA

This year marks the tenth Anniversary of the International Conference on Information Technology and Applications (ICITA) [see http://www.icita.org]. Over the past 10 years the conference has published over two thousand papers.

It has been decided that ICITA will be the official conference of the NSW IEEE Computer Chapter and will publish peer reviewed papers written by members of the NSW Computer Chapter free of charge (conditions apply).

2.4 Tenth Anniversary of ICITA cont.

This policy was successfully trialed during ICITA 2011, held at the Sydney Hilton Hotel. It has also been decided that ICITA will be an annual event held in Sydney from 1 November to 4 November each year.

Over the years ICITA has maintained a reputation for providing a "five star" environment for academics and IT professionals to meet and exchange ideas. Currently the mail boxes of academics are flooded with "call for papers" messages. ICITA aims to attract delegates by the quality of the conference and services and not through blanket spamming.

I am pleased that ICITA now has a home in Sydney, providing real benefit to our NSW IEEE Computer Chapter members.

David Tien dtien@csu.edu.au
Computer Chapter Chair, NSW Section

2.5 NSW Committee Nominations

Graeme Gwilliam, the previous Chair of the Nominations Committee for several years, has passed on his responsibilities to me for the year 2012. The other committee members are Trevor Bird and Bruce Poon. I have met Bruce at a recent Joint Lectures function and he is agreeable to continue with the development of the IEEE online voting system called "vtools". A trial election for Life members to vote for the Chair of the Life members Affinity Group is currently in progress using two life members who currently serve on the Committee as nominees. This tool will simplify the voting process and give every member a vote, improving democracy and transparency

I have also contacted Trevor by phone and he is willing to soldier on this year. He has to undertake a short visit to the USA but will be back in time for the March meeting.

I have prepared a Nomination form which can be found on page 10 of this newsletter. We desperately need a new Webmaster. Fuat Acar has agreed to continue until we can find a new volunteer or failing that consider out-sourcing the work to our Secretariat or similar professional organisation (as discussed at the February Committee meeting). Also a new Editor for CIRCUIT needs to be found urgently.

2.5 NSW Committee Nominations cont.

Some of the positions which our membership should be aware of are as follows:

- Circuit Newsletter Editor- Journalist skills & knowledge of IEEE organisational structure. *Position available now*
- Webmaster-IT skills. *Position available now*
- Assistant Secretary/General Committee. This a new position to reduce the workload of the Secretary. *Start Jan 2013.*
- General Committee - A good starting point for newer IEEE members. *Position available now.*
- Fellow Search- A specialist job a Fellow grade member only qualifies. *Start Jan 2013.*
- Educational Activities-Working in a University, High School or TAFE. *Start Jan 2013*.
- Industry Relations. *Position available now.*
- Student Activities - University academic staff member. *Start Jan 2013.*
- Conference Co-ordinator- *Start Jan 2013*.

John Robinson jl.robinson@ieee.org
Nominations Chair, NSW Section

2.6 Awards and Recognition

On behalf of the NSW Section and Committee I wish to congratulate Professor Ramutis Zakarevicius on his receiving the Region 10 Outstanding Volunteer award for 2011.

Professor Zakarevicius has served on the Section Committee for more than 35 years in many capacities, as summarised below:

- Joined the Australian Section Committee end of 1974
- Australian Section Vice Chair 1977-1978
- Australian Section Chair 1979 – 1981
- Founding Chair NSW SP/COM Chapter 1986-1988
- Organisation of GLOBECOM 1998-Sydney
- IEEE Millennium Medal Winner 2000

2.6 Awards and Recognition cont.

- NSW Section Historian 2002 – 2008 and 2011-2012.
- NSW Section Awards and Recognition chair 2009-2010
- Vice Chair Life Members Affinity Group 2011-2012

Professor Zakarevicius has always been willing to volunteer his services to the NSW Section on many occasions as evidenced by his instrumental contribution to the IEEE 125th anniversary celebrations and dinner. He also volunteered his services and represented the NSW Section at GLOBECOM 2011, giving a well received lecture on the history of the Internet in Australia. He has always contributed in the Committee and events and done so in a highly efficient and focused manner.

Professor Zakarevicius has been ably supported by his wife Ramona and I wish to thank both of them for their contributions to the Section and wish both good health and a long active life.

I also wish to thank and congratulate Professor Karu Esselle of Macquarie University for his mentoring and Counseling the Macquarie University Student Branch. Professor Esselle was nominated by the Macquarie University Student Branch and has received the IEEE Outstanding Councilor and Advisor Award for 2011. It is just recognition for his tireless and invaluable contribution the NSW Section and Macquarie University Student Branch.

Graeme Gwilliam
IEEE NSW Section Awards and Recognitions Chair

2.7 Senior Member Update

Members who are qualified to be senior members are urged to upgrade to senior membership status in order to boost the profile of our section. To upgrade to senior member, you will require three referees. However, if you are being nominated by the section, you only require two referees.

2.8 ISCIT 2012

2012 International Symposium on Communications and Information Technologies (ISCIT) is being held on 2 - 5 October 2012.

Conference Location: Gold Coast, Queensland, Australia. Sponsored By: IEEE Circuits and Systems Society and Queensland Section SPS/CS Joint Chapter.

Final Paper Submission Deadline: 7 May 2012

See http://www.iscit2012.org for more details.

2.8 Welcome to our New and Upgraded Members

Fellow

Ian J Oppermann

Life Member

Graeme J Sanders
John R Lestrange
Robert F Burns
Allan D Mcinnes
Peter C Chaffer
G John Montagner

Senior Member

Dr. Robin M. M Braun
Bao Toan Phung
Hendra I Nurdin
Zhendong Zhou
Dacheng Tao

Member

Tony Hancock
W Simpson-Young
Errol Chopping
Carter Cheng
Li Qiao
Stuart Jackson
Barry James Davis
Cherry Ballangan
Vinay sewak
MArk Giacoppo
Karl Rentsch
grahame ralph arnold
Hubert Peter Castelino
Stephen W Chase
Kaman Aristo Ramley
Ed Sweeney
William P W Creber
Warren Don
Adnan Syed
Yi-Qin Chi
Nenad Jovanovic
Patrick J Mulligan
Paul Evan Lillington
David Mahoney
Andrew Dodd
Kabir Sethi
Xiaojing Li
Phil Walls
Ho Tung Wong
Ian Heddle
Federico Collarte
Bertrand Douillard
Douglas Stephen Hill
Tony Bazouni

Member Cont.

Anthony J Maeder
Frank R O'hare
Stephen J McIntosh
Parui Chandra
Ian J Renwood
Anthony Allen
T Ignatius
John A Lush
George Janczuk
Raad S Raad
Kannan Balakrishnan
M P Goldsworthy
Geoffrey Smith
V Ramachandran
John C Turner
Jason Crawford
Pradip K Goon
Prawit Chumchu
Ravi Dharmalingham
Yiu-Fai Tam
Sam K Tan
LEI SHANG
Linlin Ge
Victor Tam
S Vijiharan
Djurica Karan
Nicholas C Menzies
David Gunawan
Luiz Augusto Pizzato
Alan Bowen-James
Yee Jern Chong
Divesh Noel Lal

Grad Student Member

Darryn W Lowe
David J Browne
SYED Z ARSHAD
Joao Carlos Aydos
Allen M Benter
Gilbert Verdian
Spyridon Revithis
Dale R Bates
BENOY VARGHESE
Susan Bruck
Jay R Carniel
Yingyi Liu
Liviu Constantinescu
Wencke Lehnert
Muhammad Sawwas
Wei Li

Grad Stud Member Cont.

ALIAKBAR SAMIRAD
Saeid Mehrkanoon
Xiaochen Huang
Hermen Sinaga
Martin McGrane
Seng Keat Gan
Xiang Zhao
Mohamed Abdalla Mabrok
Xue Wei
Omar Perez
MKzaman Chowdhury
Graham Gordon Mills
Shervin Moradpour
Andrew John Clayphan
Emma Mary Fitzgerald
Md. Masud Rana
James Colless
Yuanye Ma
Tom Molomby
Salem Saleh Alamri
Sachin Prakash Wadikhaye
Tao Yang
CHAOJIE ZHENG
Md Khaled Abu Mahmoud
Junliang Chen
Dai Quang Nguyen
Xin Wang
Enlong Che
Rachel Tania Melrose
Keov Kolyan Teav
Shanglin Ye
vic cinc
Joseph Paul Gauthier
Miftadi Sudjai
Lu Yang
Sayed Ahmed Royel
Alastair James Quadros
Andrew Ming See
James Daniel Foster
Zhitao Shen
Liang Zhao
Mohammad Bakhsh
Shuai Wang
Nidhal Odeh
Cher Hau Seng
Mark Whitty
Quincy Tse
MD TANVIR YEASIN
Amr Al Abed

Grad Stud Member Cont.

Les Bell
Shengjie Shao
ALAM MD ZAHANGIR
P Vithayasrichareon
PRAJWAL SUBEDI
Cheng-Chung Lin
jaebok lee
He Chen
Marcel Julliard
Akram AlSukker
MdShahriar Rahman
Changyang Li

Student Member

Mochammad Rusli
Tianruo Guo
Chao Wu
Paul Mcilwaine
Saeed Al-Shahrani
Justin Savidge
Kurt Forrester
Fengjuan Zhang
Tianyu Pu
Gillian Pan
Yasmitha M Fernando
Laurie Vale
Chris Williams
Md Salman
Gavin Beck
Lei Bin
Chao Zhai
Thomas O Glanville
Bahareh Nazari
Tong Wu
Shrabani Majumder
William Hwang
Lovedeep S Sachdev
Calvin Kai-Yuan Hung
Cameron Jarratt
Ibrahim H Radwan

Associate Member

George Koukas
Alok Bansal
Nicolas Epain
Donald Roger Mulligan
Steve Abbott
John Fletcher
Ahmed M.O. Alshabo
Michael Timothy Scholes
Tony Petello

2.11 Welcome to our New and Upgraded Members

Associate Member.

George Koukas
Alok Bansal
Nicolas Epain
Donald Roger Mulligan

Associate Member Cont.

Steve Abbott
John Fletcher
Ahmed M.O. Alshabo
Michael Timothy Scholes

3. Chapter News

3.1 Joint AP/MTT Chapter

Dr. Trevor Bird has been elected as President of the IEEE Antenna and Propagation (AP) Society for 2013. Dr. Bird was a Distinguished Lecturer for the IEEE AP Society from 1997 to 1999, as well as serving as Chair of the IEEE New South Wales Section for 2001 and 2002. He was an Associate Editor of the IEEE Transactions on Antennas and Propagation from 2001 to 2004, a member of the Administrative Committee of the IEEE AP Society from 2003-2005, and Editor-in-Chief of the IEEE Transactions on Antennas and Propagation from 2004 to 2010. Dr Bird currently has many hats including being a CSIRO Post-retirement Fellow and an Adjunct Professor at Macquarie University. He is also a Guest Professor of Shanghai Jiao Tong University and is Principal of Antengenuity, a specialist consulting firm.

On behalf of IEEE NSW AP/MTT Chapter Chair and Committee I would like to congratulate Dr Trevor Bird and wish him all the best for his new appointment.

Congratulations also go to Professor Karu Esselle who recently won the prestigious 2011 IEEE Outstanding Branch Counselor Award (Region 10 – Asia-Pacific). The award is given to approximately ten outstanding counselors and advisors around the world (with usually only one recipient for each IEEE Region) whose work exemplifies the Institute's commitment to the educational, personal, professional, and technical development of students in IEEE related fields of interest. Professor Esselle's continuous contributions and dedication to the IEEE as branch counselor of the IEEE Student Branch at Macquarie University led his student branch to win the second prize in the IEEE

3.1 Joint AP/MTT Chapter cont.

R10 Exemplary Student branch competition in 2011. With his great efforts and motivation, the IEEE AP/MTT joint chapter reported 30 major activities in 2010 and 11 activities in 2011. Professor Esselle is the Director of the Centre for Electromagnetic and Antenna Engineering (CELANE), and the Deputy Director of the Research Centre on Microwave and Wireless Applications (CMWA). Professor Esselle's other recent awards include the 2009 Vice Chancellor's Award for Excellence in Higher Degree Research Supervision (the very first such award ever offered in Macquarie University) and Macquarie University 2004 (Inaugural) Innovation Award for best invention disclosure.

Yogesh Ranga yogeshwar.ranga@csiro.au
Secretary, IEEE NSW AP/MTT Chapter

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 http://www.engineersaustralia.org.au/events/events_home.cfm to prevent any potential disappointment due to last minute changes.

Date	Event/Meeting/Conference	Speaker	Host	Contact	Venue
12 April	Titanic – 100 years on	Philip Mallon	EA	Upali	EA Auditorium
26 April	HV DC Link	ABB	IET	G Town	EA Auditorium
10 May	Building Eng. Services	Alan Obrart	EA	Mai Yeung	EA Auditorium
24 May	Cyber Secuirty	Chris Skinner	EA		EA Auditorium
14 June	Energy Efficiency	Schneider Electric	EA	Mai Yeung	EA Auditorium
28 June	IEEE Lecture	Trevor Bird	IEEE	G Town	EA Auditorium
12 July	Taggle Wireless LAN	Mat Henderson	EA	P Hitchener	EA Auditorium

Advertising :- (please contact markomally@ieee.org for advertising enquiries)

2012 International Conference on Indoor Positioning and Indoor Navigation (IPIN)

13-15th November, 2012
University of New South Wales, Sydney, Australia

Chair:
Prof. Chris Rizos (UNSW); Dr. Rainer Mautz (ETH)

Abstract submission:
Before 15 of May 2012

Register:
Open now

Registration fees (early bird before 10 September 2012):
Students *330 AUD*
IEEE, FIG, IAG, SSSI NSW members *495 AUD*
Other delegates *660 AUD*

Web Address:
http://www.surveying.unsw.edu.au/ipin2012/

IPIN2012 welcomes the submission of contributions in the following topics:

- User requirements
- Security & Privacy
- Hybrid IMU Pedestrian Navigation & Foot Mounted Navigation
- High Sensitivity GNSS, GNSS Indoors, IMES
- Pseudolites & Locata
- Signal Strength Based Methods, Fingerprinting
- Ultra Wide Band
- Passive & Active RFID
- Optical Systems
- Ultra Sound Systems
- TOF, TDOA based localisation
- Localisation & Algorithms for WSN
- Framework for Hybrid Positioning
- Applications of Location Awareness & Context Detection
- Industrial Metrology & Geodetic Systems, iGPS
- Radar Systems
- Mapping, SLAM
- Magnetic Localization
- Innovative Systems

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5. Nomination Form

Here is the nomination form previously mentioned on page 5. Completed forms should be e-mailed to me at jl.robinson@ieee.org. Alternatively, completed forms can be mailed to the Secretariat PO Box 576, Crows Nest NSW 1585, marked to my attention.

Instructions:

Before completing the form and returning , review the following guidelines for nominating a volunteer Candidate:

(a) Nominators must contact their nominee before submitting the form and confirm their acceptance of the time & other commitments required for the position.

(b) Nominees must have had at least 2 years on the Committee to nominate for the key positions of Chair, Vice Chair, Treasurer and Secretary.

(c) Self nominations require the submission of additional information e.g. CV or SMIEEE referee.

(d) If you are nominating for more than one position, separate forms must be submitted.

(e) Any other queries should be emailed to jl.robinson@ieee.org or by phone 9418 8695.

Nominee Contact Information

Nominated Position (e.g. webmaster)	
First Name:	
Surname:	
IEEE Email or other address	
Address Line 1:	
Address Line 2:	
Post Code:	
IEEE Member No	

Nominator Contact Information

First Name:	
Surname:	
IEEE Email or other address	
Address Line 1:	
Address Line 2:	
Post Code:	
IEEE Member No	

IEEE Membership Offer*

If you are a 3rd, 4th or a post-grad student in 2012**

The IEEE NSW Section will sponsor your student membership fee!

Instructions:

1. Go to www.ieee.org/join and register as Student Member.
2. Type in all your details. On the check-out process, press 'Print & Mail/Fax order' instead of 'Proceed to checkout'.
From the browser menu, print to PDF.

Ensure your postal address and contact details will be valid for the next 12 months or more. Instead of sending the form to IEEE HQ USA, please forward a PDF copy of this application together with a copy or your current student card to:

Dr Ali Hellany
IEEE NSW Student Activities Chair
University of Western Sydney, School of Engineering
Locked Bag, 1797 Penrith South DC NSW 1797, Australia
e-mail: a.hellany@uws.edu.au

* *The number of free student memberships is **limited** and will be awarded on a first come first serve basis. This offer excludes membership to individual IEEE societies which may be purchased separately. This offer is available only to students located in New South Wales. The free student membership offer covers the first year of membership only. Offer not available to current IEEE student members.*
** *Please attach a copy or your current student card.*