

PART A - NSW SECTION SUMMARY

A.1 Executive Summary

- Section Executive Committee Member List
 - 2011 NSW Section
 - Chair: Eddie Fong
 - Vice Chair: Ian Boyd
 - Secretary: Antony Zaglas
 - Treasurer: John Robinson
 - Past Chair: David Tien
 -
 - 2010 NSW Section
 - Chair: David Tien
 - Vice Chair: Eddie Fong
 - Secretary: Ian Boyd
 - Treasurer: Iain Collings
 - Past Chair: David Burger
- Section Highlights
 - Signed MOU between the Siberian & NSW Section on R&D and Conference collaboration
 - First Siberian, Russia and Pacific Conference on Computer Technology and Applications held in Sept 2010 within the MOU initiative. There were 85 delegates at the conference, mostly from Russia, with about 12 from other countries.
 - Signed 3 year MOU between the Thailand & NSW Section on R&D and Conference collaboration
 - Nanotechnology Conference with Siberian Section.
 - IEEE TV visited Sydney CSIRO and UNSW in Nov 2010 for a documentary on Photo Voltaic systems and Smart Grid.
 - Gordon Day, President Elect and Joe Lilies visited NSW Section on 1 Dec 2010
 - Dr Alan Harvey from RMIT University Melbourne visited NSW Section
 - Talk on “Research and Development under the Russian Environment: Opportunities, Challenges and Collaborations” by A/Professor Alexander Gridchin, Novosibirsk State Technical University, Novosibirsk, Russian Federation on 8 February 2011 at Macquarie University.
 - Professor Alexander Gridchin from Siberian Section attended NSW Section Meeting on 7 Feb 2011
 - Section AGM & Dinner 2010 was held on 25 November 2010 at Shangri-la Hotel, Sydney.
 - Section Meeting in Nov 2010 held at Wagga Wagga to meeting members in that region and to kinder a closer relationship with them.
 - Section Committee Meetings were held every month from Feb to Nov 2010.
- Major Events (International, National)
 - The International Wireless Communications and Networking Conference (WCNC) was held successfully in Sydney in Oct
 - Oceans 10 Conference was a very successful. There were 530 attendees and 188 of them attended the tutorial sessions.
- Major Chapter Activities
 - Macquarie University Engineering Colloquia initiated by Prof Karu Esselle. \$500 sponsorship from NSW Section and Macquarie University Engineering will match this dollar-to-dollar for the Colloquia expenses to one or two presentations every fortnight, including those from PhD and Master Research degree candidates for general public. IEEE, IET and EA members are invited.
 - Membership
 - Assist student – 200 free memberships for the past few years
 - sponsored students to the Australia/NZ Student Congress 2010 at Melbourne in Nov 2010
 - Social Implications of Technology Joint Chapter (Greg)

- The Electron Devices Society has been added to the New South Wales Section Solid-State Circuits and Photonics Joint Societies Chapter with effective date from 12 November 2010.
- Professional Activities
 - Joint Institutions Lectures with IET & Engineer Australia
 - Australia Engineering Week at early Aug 2010
 - Annual Executive Meeting/Gathering with IET and EA on 24 Sept 2010
- Major Student and Affinity Group Activities
 - Petition for Women In Engineering Formation to be considered by MGA in Feb 2011

A.2 Financial Report

- Summary (as per submitted L50)



2010-GEO[1].UNIT.L
50.STD FORM Nov 22

- Any other financial activities - Nil

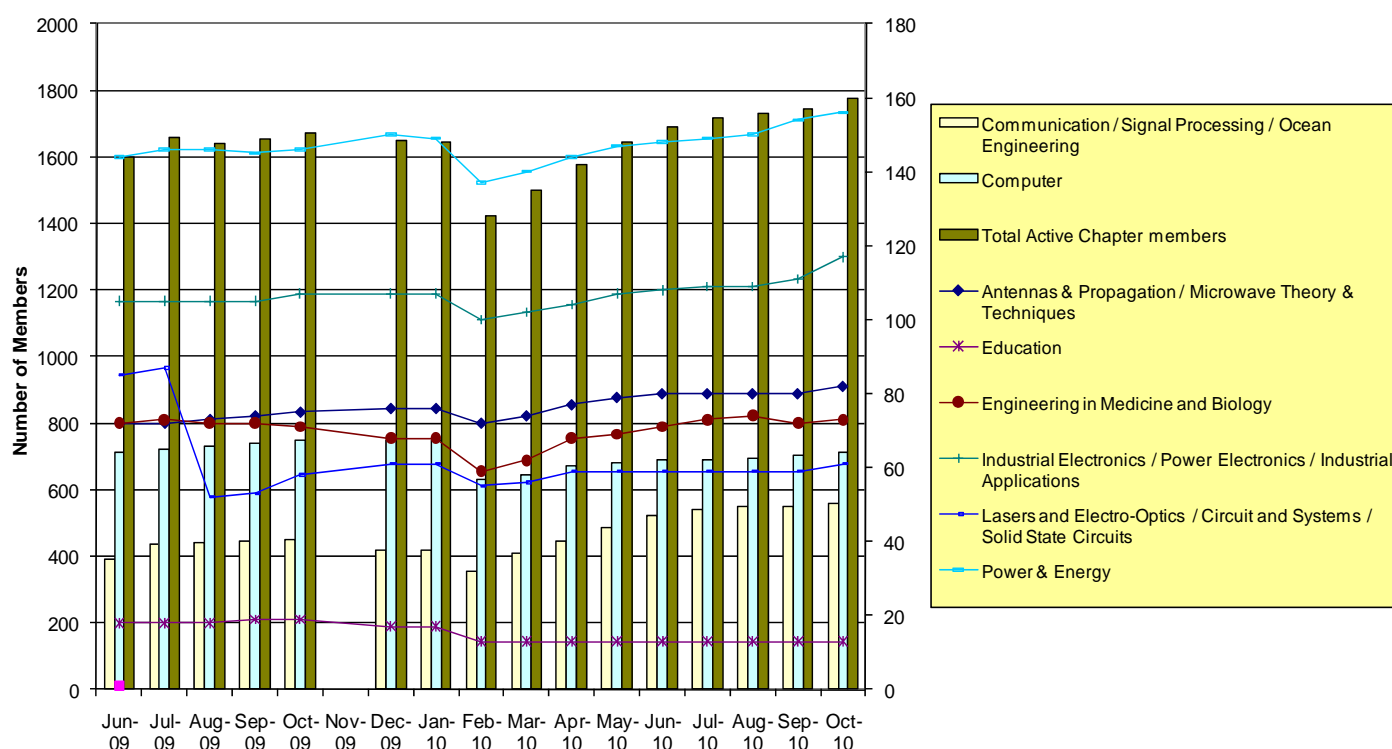
PART B - ORGANIZATIONAL ACTIVITIES

B.1 Membership Development Activities

- Total number of active members in the past 3 years.

a) 31 Oct 08	2,445
b) 31 Oct 09	2,466
c) 31 Oct 10	2,613
- Summary and evidence of work done to improve the value of membership, which leads to retention and growth of members
 - a) Provide additional services to members (work carried on from 2009) :
 - Set up ARC Linkage Liaison Committee
 - Enable University Researchers to get initial setup cash injection from Industry & Government;
 - Set up Student Job Service
 - To match industry demand for our University graduates.
 - b) Provide free student membership for 2010.
 - Prepare & promote free student membership for 2011.

IEEE NSW Section Chapter Members Chart



B.2 Chapter Activities

- Total number of Chapters in the Section
- Number of Chapters formed in the current year
- Number of Active Chapters (Chapters who have reported required number of meetings during the year)
- Summary of Chapter activities chapter wise with attachment table / information
 - **Joint Chapter Report: Photonics, Circuits and Systems, Solid State Circuits, Electron Devices**
 - 6 technical meetings were held during 2010, at three of which presentations were given by visiting IEEE Distinguished Lecturers, and one of which was a site visit.
 - During the year the Joint Chapter welcomed Electron Devices Society members to participate in activities following approval of a request to expand the Chapter.
 - Professor Graham Town - Chairperson, IEEE Local Joint Chapter Photonics/CAS/SSC/EDS
 - **NSW IAS/PELS/IES**
 - The committee has elected the following new positions for 2011:
 - Prof. Joe Zhu – Chapter Chair
 - Dr. John Fletcher – Treasurer
 - Dr. Dylan Lu – Secretary
 - IEEE Region 10 Penang IAS Chairs Workshop
 - The 2012 IEEE IAS Chairs Workshop will be held in Australia.
 - IEEE Distinguished Lecturer (DL)
 - To join with Malaysia, New Zealand and HK Chapters to invite Dr. Juan M Sanchez to come as the IAS Distinguished Lecturer in July-August 2011.
 - **Power Engineering Society**
 - Membership has increased by slightly with respect to the same time last year and is now over 150. Our membership has been steadily increasing over the past five or six years.

- Joint Lectures
 - A visit to the new Sydney University Power Lab was organised as part of the Joint Institutions Lecture Programme with 40 attending.
 - There was a well attended lecture by Michael Urch on the Free Flow Marine Vortex turbine.
 - There were also numerous other lectures as part of the Joint Institutions Lecture program organised by Engineers Australia and IET.
- There were no Distinguished Lecturer visits this year.
- Attended the 2009 PES Chapter Chairs Meet in Malaysia and anticipated that the next meeting will be in 2011 or 2012.
- PES Officers 2011:
 - Chair: Prof Trevor Blackburn
 - Vice Chair: Dan Candotti
 - Sec/Treas: Dr John Ypsilantis
- MTT/AP Joint Chapter
 - 2010 Main Activities
 - 2 Joint IEEE/EA/IET Lectures
 - 24 Joint IEEE/MZEC Events

2010 Chapter Committee

Position	Name
Chair	Prof. Karu Esselle
Vice Chair	A/Prof. Ananda Sanagavarapu
Secretary	Mr Yogeshwar Ranga
Committee Member	Dr Trevor Bird
Committee Member	Prof. Tony Parker

- EMBS Chapter
 - Australia Engineering Week Resmed Visit on 2 August/2010 and Joint Institutions lecture on 28 October 2010
 - Chair – Jeff Armitstead
- Joint Institutions Lectures in 2010

DATE	Titles	Speaker
11 Feb 2010	NationalBroadbandNetwork	MikeQuigley CEO NBN Co.
25 Feb 2010	Visit Uni Sydney Power Lab	Vassilios
11 Mar 2010	Gas Turbine	Alstom Power Tim Maddever
25 Mar 2010	technology advances in wastewater process towards sustainability	Julian Briggs, International Technology Leader, CH2M HILL
30 Mar 2010	90 Years of Dutch Aeronautics	6 for 6.30pm Fred Abbink
22 Apr 2010	MulticastNetworkingVideoonInternet	Dr Kim Chin AC University
13 May 2010	Bldg Comms&Energy Management	DougNewman SchneiderElec
27 May 2010	Smart Grid - \$100M demonstration	Adrian Clark Energy Aust
10 Jun 2010	Metamaterials in Electromagnetic and Microwave Engineering	Dr Ozgur Isik, an RF Engineer with Argus Technologies
24 Jun 2010	Career in Engineering	Ray Pavri, MD of Sustainergy
8 Jul 2010	ClimateChangeScepticRationalist	Prof B Carter JamesCookUni
22 Jul 2010	Free Flow Marine Vortex Turbine - Elemental energy Technology Ltd	Michael Urch / Kim Lyle www.eettidal .com
12 Aug 2010	Railwat Earthing and bonding	David Stuart-Smith (Arup)
26 Aug 2010	Car Electric Systems (embedded?)	joint transport panel? UNSW
9 Sep 2010	IFnoise quality of Wireless comms	Oya Sevimli McQuarie Uni
23 Sep 2010	Climate Change – (IPCC)	Arek Sinanien@ Parsons Brickerhoff
13 Oct 2010	Eminent Speaker-Defence	Terry Stevenson
14 Oct 2010	Google Engineering Software/Tool?	Mr Mangold @ Google
28 Oct 2010	Medical implant technology	Peter Bradley
11 Nov 2010	Lightning protection-dynasphere	RohitNarayan of Erico
25 Nov 2010	Tunnel Lighting Techniques	john rogers

- The Joint Institutions Professional Activities Committee
 - Chair
 - 2011 to 2013 – Allan Sangster (Engineer Australia Electrical Branch)
 - Past Chair

- 2008 to 2009 – John Englefield (IET NSW)
- 2009 to 2010 - Eddie Fong (IEEE NSW Section)
- Secretary
 - Deon Rowley (IET NSW)
- IEEE Rep 2011 – Graham Town (IEEE NSW Section)

B.3 Professional and Continuing Education Activities

Summary of continuing Educational activities including conferences, technical activities, training courses, and distinguished lecture programs with attachment table / information.

- **Historian Society**

During 2010, a number of significant historic achievements were made in the IEEE NSW Section, including sister Section partnering with the IEEE Siberia Section and Section website updates using Joomla.

These events and other activities of the IEEE NSW Section have been recorded at the IEEE GHN entry for New South Wales. Additional archive material was located dating back to 1982 and 1985, and this has been uploaded as well. Sadly with persistent requests, we have not been able to source any Section material for the 1990's decade. We hope that some will be uncovered in the future.

Our Historian, David Burger, attended the two IEEE History Committee meetings held in New Jersey in March and November 2010. Something worth noting was that the NSW Section history had the highest number of "hits" of any Section presently at the IEEE GHN list.

B.4 Students Activities

- Total number of Student branches in the Section - 7
- Number of Student branches formed in the current year - Nil
- Section level student activities (student congress, paper and other contests, awards etc)
 - Two Macquarie Student Branch executives, Yohesh and Dush attended the first Australia- New Zealand IEEE Student Congress being held in Melbourne. They represented the Macquarie Universality IEEE Branch and the IEEE NSW Section in this historical event.
- Number of Active Student branches (Student branches who have reported required number of meetings during the year) - 3
- Summary of Student branch activities student branch wise with attachment table / information
 - **IEEE MQ Student Branch 2010 Main Activities**

28 events (meetings/lectures) were held under the umbrella of Macquarie University Engineering Colloquia (MQEC) and were sponsored by Macquarie University Electronic Engineering Department, IEEE NSW Section and some IEEE chapters or societies. A few were sponsored by IESL Australia chapter.

IEEE MQ Student Branch 2010 Members and Officials

Member Position	Member Name	Member Email
Branch Counsellor	Prof. Karu Esselle	Karu.esselle@mq.edu.au
Branch Chair	Yogeshwar Ranga	yogeshwar.ranga@mq.edu.au
Branch Vice Chair	Dushmantha Thalakatuna	dushmantha.thalakotuna@mq.edu.au
Branch Secretary	Yiwei Yu	yiwei.yu@mq.edu.au
Committee Member	Jianjun Liu (Jacky)	jianjun.liu@mq.edu.au
Committee Member	Carl Svensson	carl.svensson@mq.edu.au
Committee Member	Oya Sevimli	oya.sevimli@mq.edu.au
Committee Member	Quang Thai	quang.thai@mq.edu.au
Committee Member	Ramtin Kazemi	ramtin.kazemi@mq.edu.au
Committee Member	Eahteshamul Hoque	shah.hoque@mq.edu.au
Committee Member	Ravi McCosker	ravi.mccosker@mq.edu.au

B.5 Affinity Group Activities

- GOLD
 - AGM dinner gathering and
 - Joint Institutions Lecture on 22 April 2011 on Multicast Networking Video on Internet.
- WIE NSW formation is waiting for MGA 19 Feb 2011 approval.
- Life Member
 - Toni & Grace Karbowiack supplied historical information covering the early days (1960's) of optical communications in Australia.
 - We expect to finish the year with a total of 53 life members. There has been a slow steady growth in membership since 2003 when we had 43 members resident in New South Wales.
 - This year members were invited to attend a lecture on Climate Change in September. All our members have also been invited to join us for no charge at the Buffet Dinner, which follows the AGM at the Shangri-la Hotel, 176 Cumberland St, The Rocks, on 26 November 2010.

B.6 Awards & Recognition Activities

- Award constituted by the section - Nil
- Award(s) received from R10 – Outstanding Volunteer Award for John Robinson
- Award(s) received from IEEE HQ - Nil

B.7 Communication Activities

- Newsletter (name and number of issues in the year)
 - Circuit Newsletter
 - ✧ 3 issues per year (March, July and November)
- Home Page of the section (give the URL and frequency which it is updated)
 - <http://ewh.ieee.org/r10/nsw>
- Other means of contacts with section members
 - E-newsletter
 - Direct emails
 - c/o APC (Australian Professional Centre) PO Box 576 Crows Nest NSW 1585. Tel: 612 94318600

B.8 Community Activities

B.9 Other Organizational Activities

- Nominations Committee Chair reported that everyone was very good and accepted the nominations for 2011 that were offered to them. The members voted and we are to see in the future how successful we all were

PART C - OTHERS

C.1 Relationship with National Societies

- a) Monthly Joint Institutions Professional Activities Committee Meetings with IET & Engineer Australia to organise lectures and visits for the joint institutions members. Such activities and visits were joint funded by the Institutions.
- b) Annual Executive Members Dinner Meeting/Gathering with IET and EA on 24 Sept 2010

C.2 Special Events

- a) NSW Section participated in the yearly Australia Engineering week activities organized by EA in Sydney, NSW during Aug and also provided financial sponsorship of A\$1.5K yearly. This program is open for the public and everyone in the NSW.

C.3 Problems to be Anticipated

- For Chapter management, there is a lack of member willingness in taking up Chapter management and organizational roles.

C.4 Best Practices of your section (which you would like share with other sections for the benefits of members)

PART D - GOALS AND PLANS

D.1 Continuation of Project/Activity in Progress and Their Implementation Plans

- **Continue MOU activities with Thai and Russian Sections**
- **Continue Australia Engineering Week support with greater engagement**
- **Continue Joint Institutions Professional Activities & DL program**

D.2 Goals and Future Plans

- **Strengthen Section Executive and Committee members**
- **Explore to provide more benefits to members in NSW**
- **Strengthen relationship with the industry and government**
- **Strengthen relationship with IET and EA**
- **Aim to grow student branches, student members and work closely with all the Universities and Schools**
- **Seek sponsors for future activities**

FINANCIAL REPORT L50 FOR THE YEAR ENDING 31 DECEMBER 2010

UNIT NAME : **NSW SECTION** SCHEDULE V I I
 CHAPTER NAME : CURRENCY : **AUD - AUSTRALIAN DOLLAR**

SCHEDULE VII - RECONCILIATION OF CHECKBOOKS TO BANK STATEMENTS AS OF DECEMBER 31.

A. CHECKING ACCOUNTS :				A	B	C	D
				ACCT BALANCE PER UNIT'S CHECKBOOKS	OUTSTANDING CHECKS & DEBITS	OUTSTANDING DEPOSITS & CREDITS	ACCT BALANCE PER BANK STATEMENTS (A + B - C)
LINE #	ACCOUNT #	BANK NAME					
1	062*****	Commonwealth bank		19,410.38	1,115.07	-	20,525.45
2	062*****	Commonwealth bank		142,070.87	-	-	142,070.87
3				-	-	-	-
4				-	-	-	-
5				-	-	-	-
6				-	-	-	-
Checking Accounts Total :				161,481.25	1,115.07	-	162,596.32
B. SAVINGS ACCOUNTS : (REGULAR SAVINGS, MM)							
				ACCT BALANCE PER UNIT'S CHECKBOOKS	OUTSTANDING CHECKS & DEBITS	OUTSTANDING DEPOSITS & CREDITS	ACCT BALANCE PER BANK STATEMENTS (A + B - C)
LINE #	ACCOUNT #	BANK NAME					
1				-	-	-	-
2				-	-	-	-
3				-	-	-	-
4				-	-	-	-
Savings Accounts Total :				-	-	-	-
C. CD's / TIME DEPOSITS :							
				CD VALUE PER UNIT'S CHECKBOOKS	N/A	N/A	CD VALUE PER BANK STATEMENTS
LINE #	ACCOUNT # / DEPOSIT TERM	BANK NAME / MATURITY DATE					
1				-	-	-	-
	Term :		Maturity date :				
2				-	-	-	-
	Term :		Maturity date :				
3				-	-	-	-
	Term :		Maturity date :				
CD's/Time Deposits Total :				-	-	-	-
D. OTHER ACCOUNTS							
				ACCT BALANCE PER UNIT'S CHECKBOOKS			
LINE #	ACCOUNT TYPE						
1	PETTY CASH			-			
2	CUSTODY ACCOUNT (if applicable)			-			
3	OTHER IEEE ACCOUNTS (if applicable)			-			
4	REGIONAL ASSESSMENT (if applicable)			-			
Other Accounts Totals :				-			
E. TOTAL CASH & DEPOSITS (Checking, Savings, CD's and other)				161,481.25			

< Balanced Cash

Secretariat:

AUSTRALIAN PROFESSIONAL CENTRE
 PO Box 576
 CROWS NEST NSW 1585
 Tel: 61 2 94318600 Fax: 61 2 94318677
 Web page: <http://ewh.ieee.org/r10/nsw>

IEEE NEW SOUTH WALES SECTION
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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
 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
 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

WiE Group Leader, NSW Section

2.3. IEEE History and Heritage

As a member of the IEEE, your member logon 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 logon.



David Burger 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/

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/

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.

For further information, e-mail 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
 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. 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) or me (vranga@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 IEEEK and Chair of the IEEEK 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
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.

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 Chesher
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.

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
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 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

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

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.:.....

Partner Attending:.....(Yes/No as applicable)

Attending: AGM Dinner..... (Yes/No as applicable)

Credit Card No.:..... (as mentioned above these details will only be used in the event of cancellation after 19 November 2010)

.....

Kindly e-mail completed form or phone through your reservation by 19 November 2010 to Eddie Fong:

E: eddiefong@ieee.org

P: 0413777511



TWELFTH AUSTRALIAN SYMPOSIUM ON ANTENNAS

Curzon Hall, Sydney

16–17 February 2011

<http://research.ict.csiro.au/conferences/asa>



Call for Papers

The Symposium aims to bring together engineers, scientists, and industry representatives working in antennas and related areas to discuss developments relevant to Australia. It is sponsored by CSIRO ICT Centre.

You are invited to attend and participate in this major technical event, and we encourage you to submit a paper on a topic of current interest.

- Full registration costs \$350 and \$250 for students and retirees (GST inclusive), if prepaid prior to 19 January 2011.
- A \$600 prize will be awarded for the best student presentation.
- Papers are required by 26 November 2010.
- See website for registration and submission of papers. For further information, contact Ms Dallas Rolph (02) 9372 4289, fax (02) 9372 4446. email: dallas.rolph@csiro.au

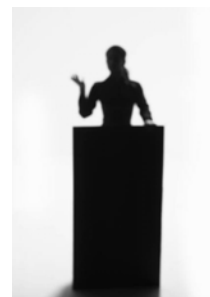
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- Even enjoy the whole experience



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Editorial

Australian Engineering Week (AEW) is nearly upon us, with events commencing 30 July 2010. IEEE NSW Section is a proud supporter and sponsor of AEW. We encourage members and their family and friends to participate in the events and site visits (which run from 2 to 5 August). For further information please visit www.makeitso.org.au. If you would like to give up some of your time to assist with the running of any of the events, please contact either Kim Chin (vsigma@optushome.com.au) or Eddie Fong (eddiefong@ieee.org).

If you have been thinking about joining the IEEE NSW Committee, why not come along to our next monthly meeting. The next meeting is scheduled for 2 August 2010 and will be held at the offices of Griffith Hack in North Sydney (Level 29, 100 Miller Street), commencing 7pm. Committee members are invited to an informal dinner following the meeting in the North Sydney area - venue TBA. For more information please contact me.



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

1. Message from the Chair**IEEE ISCAS to meet in Melbourne**

Melbourne has won its bid to host the International Symposium on Circuits and Systems (IEEE ISCAS) in 2014. The conference is expected to attract 1,000 delegates, injecting more than \$4 million into the local economy. The Symposium will be held at the Melbourne Convention and Exhibition Centre.

Request from the Consulate General of the Russian Federation

We have received a request from the Consulate General of the Russian Federation in Sydney. The city of Vladivostok is looking for expertise from Australian companies in the areas of city planning and water treatment. Please let us know if you or your company is interested.

Undergraduate Scholarships

A total of 30 undergraduate scholarships in the area of Computer Science are being offered by IBM and several government agencies to first and second year undergraduate students. The value of each scholarship is \$30,000, which includes cash payment, on job training and 12 months work experience. Please contact the Chair of Graduate Placement, IEEE NSW, Errol Chopping (echopping@csu.edu.au) for details.

Call for Interest

IEEE NSW has received an invitation to send delegates to the following events:

(1) IEEE Region 8 Section Chairs Meeting, which will be held in Prague, Czech Republic between October 8 and 10, 2010.

(2) IEEE Sections Congress 2011 will be held 19-22 August 2011, in San Francisco, California, USA.

IEEE Data Mining Competition on City Traffic

ENBIS members are invited to join the data mining competition affiliated with IEEE International Conference on Data Mining 2010 (ICDM), Sydney, Australia, December 14-17. The task is to predict city traffic based on simulated historical measurements or real-time stream of notifications sent by individual drivers from their GPS navigators. Prizes worth \$5,000 will be awarded to the winners. Please consult the competition website <http://tunedit.org/challenge/IEEE-ICDM-2010> for submission and deadline details (submitted by Alessandro Di Bucchianico).

First Russia and Pacific Conference on Computer Technology and Applications:

IEEE NSW and IEEE Russia Siberian Section will jointly host a conference in September 2010 in Vladivostok. Details can be found at: <http://www.academicinternational.org/aaic/index.html>



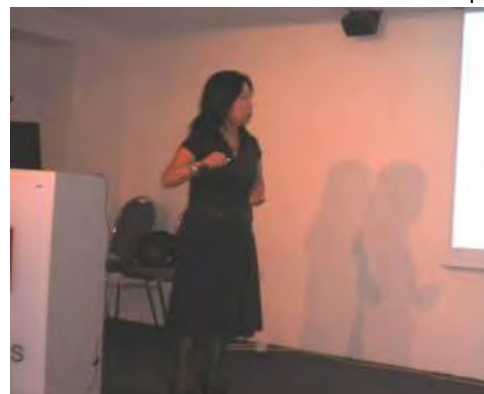
David Tien dtien@csu.edu.au
Chair, NSW Section

2. News in Brief

2.1 GOLD

On 22 April 2010 IEEE NSW GOLD member Dr Kim Chin gave an excellent presentation to the Joint Institutions on Multicast Networking, at the Engineers Australia auditorium in Chatswood. The meeting was chaired by Amal Hanna (FIEAust CPEng) and was well attended.

The lecture explained the limitations of current predominantly unicasting Internet Technology for emerging applications such as Internet TV, Video Conferencing and the issues preventing the widespread use of Multicasting in the current environment. A thorough history of unicasting and multicasting was presented as well as the various models and technologies being developed.



Dr Kim Chin presenting at EA Auditorium

Dr Kim Chin is currently working for Vsigma Capital Ltd conducting research. She has 15 years research and academic experience (UNSW, UTS and The Australian Catholic University).

2.2 NSW IEEE AGM and Dinner

While a venue is still being settled, the date has now been locked in – 26 November 2010. Further details will follow, but be sure to save the date. We look forward to seeing you there

2.3 Life Members

We didn't have a very strong response to our suggestion to organise a subsidised special luncheon at a City venue for all life members and their partners mid July or August. This was disappointing but we need to have at least 2 meetings a year to continue with the development of the IEEE New South Wales Life Members Affinity Group. We have recently been advised by George F McClure, Chair of the IEEE Ltd Members Committee, our Group of 54 Life Members has been included on the 2009 list of Outstanding LMA. It is hoped this recognition will lead to an increase in the following areas:

- Satisfaction of IEEE Life Members with their involvement
- Recognition of the contributions of Life Members to IEEE activities
- Number of Life Members Affinity Groups
- Life Members engagement in IEEE activities
- Donations to the Life Members Fund

Please let me know if any Life member is planning to change their address before the end of the year. Toni Karbowski and his wife Grace have sold their house in Artarmon and moved to St Lukes Retirement Village, Little Bay. They will now be closer to their daughter who lives in Hurstville. As of 20 June we have 53 Life Members resident in NSW.

I look forward to receiving your comments and suggestions by email to jl.robinson@ieee.org. I will be returning from an overseas trip to the USA early August and hope by then to have lots of Life Member emails in my pigeon hole.



John L Robinson jl.robinson@ieee.org
Chair, Life Members Affinity Group

2.4 Engineering Colloquia Update

Macquarie Engineering Colloquia (MQEC), sponsored by IEEE NSW, is aimed at attracting speakers and participants from diverse fields in engineering and research. It was initiated in 2010 with the first colloquia held in February.

So far, eleven colloquia (listed below) have been organised.

1. Promising Low Power Reusable Solutions - Application Specific Instruction-set Processors: Professor Myung Woo Sunwoo, Ajou University, Korea.
2. Multi-user Systems and Wireless Sensor Networks: Dr. Stevan Berber, University of Auckland, New Zealand.
3. Compound Semiconductor Technologies for Wireless Backhaul: Anthony Fattorini, Mimix Broadband Inc., U.S.A
4. Applications of Wideband Semiconductors for Microwave PAs: Francesco Fornetti, Bristol University, U.K.
5. A Holistic Approach to Patent Protection: Martin Friedgut, Spruson & Ferguson
6. Cooperative and Cognitive Radio Technologies: Dr. Sithamparanathan Kandeepan, Create-Net, Italy.
7. Wireless Medical Implant Technologies: Dr. Peter Bradley, Zarlink Semiconductor, U.S.A.
8. Fundamentals of Earth and Lightning for Engineers: Don Tissa Wijayasinghe, Integral Energy, Australia.
9. Review of Study Leave Activities on Quantum Dots, Polymer Waveguides, Solar Cells: Professor Graham Town, Macquarie University.
10. Theoretical Considerations in the Design of Microwave Chaotic Signal Generators: Dr. Venkata Gutta, Macquarie University.

11. Capturing, Radiating and Guiding Waves in the Modern Wireless World - A highly simplified presentation to the non-expert: Professor Karu Esselle, Macquarie University.

Upcoming colloquia include:

1. Phase Noise in Heterojunction Bipolar Transistors: Oya Sevemli, Macquarie University.
2. Differentially-Encoded Multilevel Block-Coded MPSK: Dr. Charles Lee
3. ESD Protection Solutions: Professor Juin J. Liou, University of Central Florida

For information on abstracts, speaker biographies, venue and schedule of future talks, please refer to www.engineering.mq.edu.au/colloquia.

Anyone interested in presenting a colloquia should contact Professor Karu Esselle (karu.esselle@mq.edu.au) or Dr. Venkata Gutta (venkata.gutta@mq.edu.au).



Karu Esselle esselle@ics.mq.edu.au

2.5 Bits and Pieces

myIEEE Adds myDesktop Personalization Options and Secure Messaging

Two new features that provide advanced customization and communication options have been added to myIEEE.

myDesktop: Allows IEEE members to organize their favorite myIEEE content how they want it, much like a personal myYahoo or iGoogle page. Options include:

- Customizable selection of all myIEEE “gadgets” (or modules related to membership, *IEEE Spectrum*, *The Institute*, conferences or IEEE Xplore® Digital Library, for example);
- Multiple layout options with drag-and-drop gadget placement;
- Choice of several technology-based backgrounds (e.g., aerospace, biomedical, communications, computing and more); and
- RSS tools to import feeds from IEEE or content sources outside of IEEE.

Members can log in to myIEEE, select the “Customize” tab and begin personalizing their myDesktop page.

2.6 Membership Development

Our free student membership offer ended on 30 June 2010. It was great to see a number of students, especially postgraduate students, took advantage of the free membership offer.

I take this opportunity to urge all members who are currently eligible for senior membership to be proactive and take steps to upgrade. Upgrading is not difficult and helps to increase the status 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.

The IEEE Job Site Career Alert is now available and is being sent to members via email. The Alert is a bi-weekly report on jobs, education, management and the engineering workplace, sent from the editors of IEEE Spectrum. This report becomes an additional benefit to members for updated news which may have impact on their career, education & workplace.



Bruce Poon adsphere@optusnet.com.au
Membership Development Chairman, IEEE NSW Section

2.7 Welcome to our New and Upgraded Members

From March to June 2010, we have the following new and upgraded members:

Life Senior Member Grade

P W Dulhunty

Senior Member Grade

Ashok Manglick
 Steven R Meikle
 Mark D Pelusi
 Ping Yu
 Dadong Wang
 Stuart G Hay

2.7 Welcome to our New and Upgraded Members (cont.)

Member Grade

Nicholas D Lochrin
 Socrates Dokos
 Mary Kaikati Hakeem
 Iain F Macgill
 Philip Q Madigan
 Stephen Bignucolo
 V M Tohadze
 Teddy S Jayadiwangsa
 Sri Parameswaran
 Tirthankar Raychaudhuri
 Michal J Tordon
 Teik C Lee
 Camillo Pavan
 Edward Maitoga
 Andrew J Hunt
 David A Coward
 Raoul Golan
 C I Blake
 Barry F Finlay
 Golam M Sorwar
 Jason C Yip
 Kannan Balakrishnan
 Chee M Chong
 Fred Fetherston
 Gregg J Suaning
 Jason A Crowe
 Ahasan Shahid Anowar
 Gregor Verbic
 Jeff I Allom
 Richard Scott Morrison
 Louis Lefevre
 Simon Michael Lucey
 Greg D Strain
 Weidong Su
 Saad M Sayeef
 Bradley J Gay
 Alexander V Danilo
 Irena Koprinska
 Joseph F Winter
 Yong Dou
 Dawit Seyoum
 James M Robinson
 A Kanagasingam
 Mark V Bishop
 Peter K Thomson
 Mark T Phillips
 Phillip A Burns
 David R McGhee

Member Grade Cont.

Jony Kwa
 Vellimalai Karuppanan
 Andrew J Fleming
 Steven Tu
 Adriel P Kind
 L Vaidyanathasamy
 Antonypillai J Francis
 Rakesh K Agrawal
 Serdar Erozan
 Barrie J Hall
 Terry J Dawson
 Lawrence Lee Chong Ong
 Jones Olatunji
 Satyanarayan Barik
 Michael J Stuckings
 Heidi B Stratti
 Irosh Fernando
 Scott N Reeves
 Robert J Weir
 Shiping Chen
 Fosso Wamba Samuel
 Wen Zhang
 Costanzo M Costa
 Peng Gong
 Kuan Yen Tan
 Abu R Ullah
 John Chun Chan
 nagesh subramaniam iyer
 Alejandro Ruiz Rivera
 John Yi-Chen Li
 Carlo Nico Romero Arceo
 Angus Murdoch Ferguson
 James Jackson
 Hirantha Amal Perera
 Jason Caruana
 Yuen Kuan Yong
 Yiwei Liu
 Gabriel Aguirre-Ollinger
 Yong Zhu
 yongchang zhang
 Oliver Ridler
 Chris J Nicol
 David Kierans
 Jin Xu
 Gengfa FANG
 David Anthony McCarron
 Peter McLean

2.9 Welcome to our New and Upgraded Members (cont.)

Member Grade Cont.

Joseph Bernard
 Jerry Sawick
 William Simonsen
 Colin George Kennedy
 Michael Paul Gerber
 Mohammad Ali Noori
 Herbert F Jelinek
 Adrian George Wills
 Kishor Chintamani Kelkar
 Camille Lambert
 Janet Aisbett
 Robin Harper
 Saso Ristevski
 Gayathri Vijayakumar
 Nicolas Grange
 Susan Graham
 Norazlin Yusop
 Jay Rao

Associate Member

Bruce S Poon
 Narinder Chhabra
 Dinesh K Yadav
 Perter J Briede
 Paul Evan Lillington
 Asrul Izam Azmi

Grad. Student Member

Faizan Javed
 Liam Widdowson
 Quang L Thai
 Qestra Mulqueeny
 Dody Ismoyo
 Xiaoming Chen
 Lester Chong
 Fan Bai
 Feng Li
 Qim Yi Lee
 Yin Kia Chiam
 Bappi Barua
 Joe Zou
 Libin George
 Werayut Saesue
 Nishad R Mendis
 Guanfeng Liu
 Yang Du
 Mohammad S Haque
 Lin Wang

Grad. Stud Member Cont.

Prajyot Vishnudas Naik
 Bachar Adba
 Judith Evangelista
 Arati Amatya
 Xiang Li
 Winsy P S Dissanayake
 Mohan Kumar Upadhyaya
 Vaibhav Samadhiya
 Yiwei Yu
 Dushmantha Thalakatuna
 Sayed Albahrani
 Kewei Clare Guo
 Tao Huang
 Quang Huy Pham
 Hai Ngoc Nguyen
 Pega Zarjam
 Tanbir Rahman
 Jawad Khattak
 Thinh Thanh Doan
 Christopher Le Brese
 ZELIN LI
 Xiaocen Guo
 A Alam
 Anh Huy Phan
 YingYi Liu
 Malcolm Egan
 Shashika LBiyanwilage
 Ujjawal Singh
 Lili You
 Zheng Li
 Muhammad Haris Ghaus
 Sareh Mozafari
 Aresh Daruwalla
 Zhe Wang
 Christian Sutanto
 Siwei Bai
 AZLAN ISMAIL
 Alejandro Barriga Rivera
 Ruoyu Li
 Deric Dominic
 Madhuka Jayawardhana
 Geoff Bull
 Khaled Alyoubi
 Syamantak Saha
 Van Thanh Huynh
 Jinguang Han
 Victor Kuo
 Jing Liu

Grad Stud Member Cont.

Carl Eric Svensson
 Chris Townsend
 Yashodhan Moghe
 Abdulaziz M Aldukhayyil
 Raed Manna
 Akram AlSukker
 Umar Rashid

Student Member

Joshua P Toomey
 Andy Cheng
 Mohammad Choucair
 Huiyuan Zheng
 A Thevampalayam
 Mas Sahidayana Mohktar
 Sachin Tandukar
 PRAJWAL SUBEDI
 Chupendra Pun
 Prashant Giri
 Myat Kyaw Lin
 Julius Alfa Aseli
 Kaushal Rimal
 Prakash Pandey
 Rakesh Suwal
 Ram Kumar Bista
 Sunil Bhujel
 Govinda Gautam
 Dona Anne Dilini Abeyakoon
 Roumel Anorico
 Jin Lai
 SHIV BHATTARAI
 Badri Shrestha
 Ramtin Kazemi
 Fei CHEN
 Andrew Roy Figgett
 Wessam Baghdadi
 Nikhil Mathew Mathew
 Joanne Fu
 Victor Lee Kai Shen
 Si Ruo Yu
 Jianliang SHEN
 Yang Li
 Daniel Ho
 Saroj Pandeya
 Anurag Bhatnagar
 A H M Ribat Uz Zaman

Student Member Cont.

Gehendra Acharya
 Adrian Bradd
 Kundan Pandey
 Lei Wang
 Anton Marinov
 Sanjay B Kanwar
 Yan Di
 Richard Stuart
 Emad Nour
 Greg Campbell
 Martin Thompson
 Jeeva Bharathi
 Clinton Peate Allison
 Tania McGregor
 Gareth Samuel
 Tien Huy Hoang

Affiliate

Micky K Tong
 T R Bossomaier
 Alan Mcnamara
 Pinaki Basu
 Shirley C Bate
 Aji Setia Gerdiman
 Donald Shearman
 Daniel Johnston
 Mark England
 James Kelly
 Cameron Martin
 Michael Anthony Kelly
 Ryan Lagerstrom

2.10 IET News

The IET Chairman, Mr Graham Lee, represented all the members of the IET-NSW committee in thanking and presenting to Mr John Englefield a framed certificate and an IET weather station, which was in recognition of his many years of service to the IET (formally the IEE) NSW committee.



Graham Lee presents John Englefield with gift

John's dedication and enthusiasm was and is much appreciated. He was one of the prime organisers of our contribution to the Joint Committee Lectures. John's hosting of and repartee at the after Lecture dinners made them so much more interesting. John's work in encouraging our younger members and developing the future generation engineers is acknowledged and very much appreciated. John also served for three years as Chairman of the committee, which is greatly appreciated. Thank you John and have a very happy (we know it will be busy) retirement.

3. Chapter News

3.1 Joint OCEANS/Signal Processing and Communications Chapter

IEEE Oceanic Engineering Society: Oceans'10 Conference 24-27 May 2010

The Oceans' 10 conference was successfully held at the Darling Harbour Bayside Convention Centre. The conference Welcome & Plenary Sessions commenced on the Tuesday morning. The Welcome started with a local aboriginal elder conducting a Smoking ceremony, which aims to cleanse the areas in which the conference took place.

The Smoking ceremony was followed by a well executed didgeridoo solo.

Dr Brian Ferguson, Conference General Chair, introduced Prof Mary O'Kane, NSW Chief Scientist & Scientific Engineer, who gave the Welcome address. The first Plenary Talk followed which was titled, *Meeting Social Challenges Using Marine Technology* and given by Craig Mclean, from the National Oceanic & Atmospheric Administration USA. For the second talk Royal Australian Commodore Bruce Kafer, AM, CSC spoke about *Understanding the Oceans – a Navy Perspective*. The third talk *Why Ocean Science Matters for Australia*, was addressed by Dr Neville Smith, Deputy Director (Research & Systems) Bureau of Meteorology, completed the session.

The Exhibition was opened after morning tea with 30 Exhibitors in 36 Booths together with 22 Student Posters.

There were 530 full registrations, 14 one day registrations and 134 registrations for the exhibition only and three Life Members. On the Monday 188 registered for the tutorials from a total of 8 tutorials. Of this group approximately 75% were from Australia and New Zealand and 25% from overseas. 20 students from a total of 67 were given support after a gruelling student paper competition earlier in the year, the standard of all papers was exceptional. The winner was Ariole Friedman, an Australian from the University of Sydney. The runners-up were François Socheleau from France and Anuj Sehgal from Germany. These students received their prizes at the Gala Function held at Luna Park on the Wednesday evening. The prizes were funded by the US Office of Naval Research, Science & Technology and presented by Dr Stefan Williams, University of Sydney Mechatronics Engineering.

The next Oceans conference will be held in Seattle, Washington USA sponsored by The Marine Technology Society USA and the IEEE Oceanic Engineering Society. Put the Conference date 20-23 September 2010 in your diary.

3.2 Antenna & Propagation/ Microwave Theory & Techniques Chapter

On 10 June 2010, Dr Ozgur Isik from Argus Technologies (Australia) delivered a public lecture entitled "Metamaterials in Electromagnetic and Microwave Engineering". The lecture was held at Engineers Australia (EA) Auditorium and was jointly organized by IEEE, IET and EA.

Dr Isik reviewed the history and several selected topics associated with the metamaterials. The focus was on the interaction of electromagnetic waves with these artificially structured materials. He described how this interaction could lead to interesting and unusual characteristics which are not observed in conventional

media. Potential applications of metamaterials such as the “perfect lens”, which could resolve objects smaller than the wavelength of light, and the “invisibility cloak” were presented and discussed in addition to several microwave circuit applications. The meeting was well attended by the members of IEEE, IET and EA.

The next joint IEEE/IET/EA lecture will be given by Ms Oya Sevimli of Macquarie University on 9 September 2010 from 6pm in the EA Auditorium at 8, Thomas Street, Chatswood.



Karu Esselle esselle@ics.mq.edu.au
Chair, 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 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 to prevent any potential disappointment due to last minute changes.

Date (2010)	Event/Meeting/Conference	Speaker	Host	Contact	Venue
12 Aug	Railway Earthing	David Stuart Smith (ARUP)	EA	Raymond Pau	EA Auditorium
26 Aug	Car Electric Systems	TBA	EA	Mark Edmunds	EA Auditorium
9 Sept	IF Noise Quality - Wireless Comms	Oya Sevimli	IEEE	John Robinson	EA Auditorium
23 Sept	Building Automation	Emanuel Moutos	IET	John Upali	EA Auditorium
14 Oct	Google Engineering Tools	Ken Robinson	EA	A Sangster	EA Auditorium
28 Oct	Medical implant technology	Peter Bradley	IEEE	Eddie Fong	EA Auditorium

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5. New South Wales Section Committee Nomination for 2011

The Nominations Committee invites members to submit nominations for appointments for the 2011 NSW Section Committee. Please complete and return the detachable form below by **30 August 2010**. The appointments for the NSW Section Executive Committee will be decided at the Annual General Meeting, to be held on 26 November 2009. The remaining Committee Members appointments will be decided in the first 2011 IEEE NSW Section Meeting on 7th February.

The available appointments within the IEEE NSW Section are:

NSW Section Executive Committee – Chair, Vice Chair, Treasurer, Secretary Newsletter Circuit Editor Fellow Search Chair Membership Development Chair Professional Activities Chair Educational Activities Chair Student Activities Chair	GOLD Chair Awards and Recognition Chair Life Member Affinity Chair Nomination Chair Historian Chair Webmaster Conference Co-ordinator Chair Committee members
---	--

Please detach-----

2011 Committee Member Nomination Form (Complete and return by 30/8/09)

Your Nomination (Name and appointment):

Your Name:..... Signature:.....

Member No:..... Member Grade:.....

Address:..... Postcode:.....

Tel: (H).....(W).....(M).....FAX.....

Email:

Kindly Post to: IEEE Committee, C/O AUSTRALIAN PROFESSIONAL CENTRE, PO Box 576. CROWS NEST NSW 1585

Or Fax: +61 2 94318677

Or E-mail: gb.gwilliam@ieee.org (please send scanned copy of completed form)



The Institute of Electrical and Electronics Engineers, Inc.

Secretariat:

AUSTRALIAN PROFESSIONAL CENTRE
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Web page: <http://ewh.ieee.org/r10/nsw>

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Editorial

As always, I'm interested in receiving member stories and articles of interest (in the electrical and electronic fields) for publishing in Circuit. If you would like to share a story with our members please e-mail your article to markomally@ieee.org.

Did you know that our newsletter reaches over 2000 members across New South Wales? If you are interested in advertising in Circuit, please e-mail me. Current rates are \$300 for a half page advertisement and \$500 for a full page advertisement.



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

1. Message from the Chair

It's hard to believe that we're already a quarter of the way through 2010! I thought I might take this opportunity to outline some significant achievements and events since last year's AGM and also some upcoming initiatives.

Achievement and congratulations:

Congratulations to Dr Walter Lachs who was awarded the Outstanding Volunteer Award for R10 for 2009.

Walter has been a valued member of the IEEE NSW Section for nearly 30 years. In that time Walter has served on the Section Committee in various capacities:

- Joined the Section Committee in 1981
- Section Chair 1988 – 1990, 1995
- Section Vice Chair 1998
- Section Secretary 1996 – 1997
- Inaugural Chair PES Chapter 1991
- Australia Council Chairman 1993 - 1994
- Fellow Search Chair 2005 – present

Walter has also assisted with the running of various IEEE conferences, in particular Globecom 98 and PICA 2001, both of which were held in Sydney.



Dr Walter Lachs (middle) is presented the Outstanding Volunteer Award from David Tien (right) and R Zakarevicius (left)

IEEE Region 10 Annual Meeting

During the 2010 IEEE Region 10 annual meeting, volunteers from Australia and New Zealand got

together to discuss ways to strengthen communications between members.

A number of presentations were made by Region 10 committee members and they can be found at: <http://ewh.ieee.org/reg/10/Reports/meetrep/ExcomReportForR10Meet2010.html>



Group shot of attendees – David Tien (second from right) and Eddie Fong (far right)

Student Service - Graduate Placement

IEEE NSW Section has received many requests from industry and government agencies for assistance in recruiting new graduates to fill newly created positions. Currently the IEEE NSW Section is setting up a database to match the need of industry with our graduates in engineering and computer science. If you are interested¹ in being placed on our database, please send your CV to Errol Chopping, Chair of Graduate Placement IEEE NSW, at the following address: echopping@csu.edu.au.

Undergraduate Scholarships

A total of 30 undergraduate scholarships in the area of Computer Sciences are being offered by IBM and several government agencies to first and second year undergraduate students. Each of the scholarships is valued at \$30,000, which includes cash payment, on the job training and a 12 month work experience position. Again, you can contact the Chair of Graduate Placement, Errol Chopping, for further details².

First Russia and Pacific Conference on Computer Technology and Applications

Have you been to Russia Far East? Do you know that Vladivostok is one of three branches of the Russian Academy of Sciences producing world class research and development? If the answer to these questions is "no" and you are interested meeting up with top scientists in Russia, then you should read on!



Contrasting scenes – autumn (September) and winter in Vladivostok

While many researchers have had the opportunity to present conference papers all over the world, few have visited our immediate European neighbour in Vladivostok. Vladivostok is located in the same time zone as NSW and hosts some of the most advanced research institutions and universities in the world.

Further to the recent signing of the MOU between the IEEE NSW Section and the IEEE Russia Siberian Section, a joint conference has been organized (together with The Russian Academic of Sciences and the Russian Far East National University) for September 2010 in Vladivostok. Details can be found at the following web address:

<http://www.academicinternational.org/aaic/index.html>



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

2. News in Brief

2.1 Membership Development

As of 1 Jan 2010, IEEE NSW Section have a total of 2,549 active members. This is 50 more active members than as at the same time last year (i.e. an increase of 2%).

Active student members increase from 252 to 300 for the same period, which equates to an increase of 19%, while active society member decrease from 1,667 to 1,648 (down 1.73%).

In 2010 we are looking to increase the number of student members. To achieve this, we are continuing our Free Student Membership program for 3rd, 4th & post-graduate students. For further details, please contact Dr Ali Hellany (a.hellany@uws.edu.au).

¹ You must be an Australian Citizen, a Permanent Resident of Australia or have a valid working visa.

² To qualify, you must be an Australian Citizen or a Permanent Resident of Australia
2230300_1 (GHMatters)

Apart from our usual professional activities like technical meetings, site visits, talks from Distinguished Lecturers, etc., we continue to explore new services in order to benefit our members.



Bruce Poon adsphere@optusnet.com.au
Membership Development Chair, NSW Section

2.2 History and Heritage

Just a quick reminder to all members to be on the lookout for any historical documents that pertain to IEEE, either in NSW, Australia or globally. There is now a groundswell of this type of information - as well as more general history on people, technologies and first hand experiences that are already available on the IEEE GHN (Global History Network). The historic material can be documents, images, sound (cassette, tape, etc.) and even video. If you are a Life Member, seriously consider doing an "ORAL HISTORY", where you can document your own career and experiences with technology for both posterity and for the benefit of others following in your footsteps.

Please get in touch with me and let's see what we can do.



David Burger k3hz@ieee.org
Immediate Past Chair, NSW Section Historian

2.3 NSW Professional Activities/Joint Institutions Committee

Since 2009, I have been the Chair for the NSW Professional Activities and Joint Institutions (Engineer Australia Electrical Group, IET and IEEE NSW) Activities Committee. In my role as Chair, I have been meeting many professional industry and academic speakers to be involved in professional lectures, seminars and site visits to allow the members of IEEE NSW, IET and Engineer Australia to learn and update their knowledge. These activities will be in addition to those that you are already involved with in your

individual IEEE Chapters.

If you have an area of interest or topic you would like to speak and share with your fellow professional colleagues, please contact me to firm up the speaking arrangements. If you are working on an interesting technology and are able to arrange a site visit/tour, it would be a wonderful opportunity to showcase your technology.

Most of the lectures are held at the Engineer Australia Auditorium at Chatswood on the 2nd and 4th Thursday of the month, from 7 to 8:30pm.

Currently, I am actively looking for speakers for lectures on 28 October and 9 December 2010 (and for the 2011 calendar).



Eddie Fong eddiefong@ieee.org
**Vice Chair, IEEE NSW Section
 Chair, IEEE NSW Professional Activities
 Chair, Joint Institutions Activities Committee**

2.4 Life Members

We have not yet finalised all our activities planned for this year. We are considering a subsidised special luncheon at a City venue for all life members and their partners mid July or August. All members interested in this type of event please contact me at jl.robinson@ieee.org or by phone on 94188695 anytime. This will enable to assess if such an event is viable.



John L. Robinson jl.robinson@ieee.org
Chair, Life Members Affinity Group

2.5 Free Student Membership

If you are a 3rd or 4th year student, or post-grad student in 2010, the IEEE NSW Section will sponsor your student membership fee! See the flyer on the last page of this newsletter for more details.

Dr Ali Hellany a.hellany@uws.edu.au
Chair, Student Activities

2.6 Oceans 2010 Conference

At the Local Organising Committee monthly meeting on 24th February we were joined by Diane DiMassa who works at the Massachusetts Maritime Academy and is the Oceanic Engineering Society (OES) Treasurer. She is currently working at James Cook University in Townsville. We had good news for her as we have easily passed the breakeven point, with well over 300 top quality papers accepted. For those members who will be mainly from the Oceanic, Signal Processing and Communications Societies attending the Conference, we are predicting this will be the most successful IEEE OES Conference held outside North America. For those members intending to attend the Conference please note the closing date for Early bird registration is now 31 March. We are planning for 800 persons will register.

John L Robinson jl.robinson@ieee.org

2.7 IEEE Sponsored Macquarie University Engineering Colloquia

The inaugural Macquarie University Engineering Colloquium (MQEC) was held on February 19th, under the sponsorship of the IEEE NSW Section.

Professor Myung H. Sunwoo, a distinguished lecturer of IEEE Circuits and Systems Society, and Dr Stevan Berber, an invited speaker from the University of Auckland, made excellent presentations on current topics.

Thirty five people (including 21 IEEE members) from organizations such as Vodafone, Avaya, RailCorp, University of New South Wales and Macquarie University attended the MQEC event on February 19th. The event was also sponsored by IEEE Macquarie Student Branch, IEEE NSW Circuits and Systems Chapter, IEEE NSW Joint Communications & Signal Processing Chapter and Macquarie University. Several postdoctoral staff members of Macquarie University and members of the IEEE@MQ Student Branch helped in the organization of the Colloquia. Professor Graham Town and Associate Professor Sam Reinsensfeld hosted the two invited lectures. The next external lecture is tentatively scheduled for Friday, 19th March 2010.

The MQEC is a regular event, free and open to general public. All IEEE and Engineers Australia members are invited to attend. Upcoming MQEC events are advertised regularly at www.engineering.mq.edu.au/colloquia.

All MQEC speakers are graduates, holding at least one degree in Engineering or a related discipline. Some are candidates of postgraduate degrees such as PhD. Invited guests from industry and external institutions give lectures regularly. The abstracts of the lectures and the speaker biographies are published regularly on the

website. All abstracts are reviewed by academics and they will be published once every six months in Proceedings of MQEC – an online depository with an ISSN. Nominations for invited speakers are welcome. Please direct speaker nominations and any queries to Dr Venkata Gutta (vgutta@ieee.org) or myself (karu@ieee.org). No prior registration is not required to attend MQEC events.



Karu Esselle esselle@ics.mq.edu.au
Editor, MQEC and Counselor, IEEE@MQ

2.8 Welcome to our New and Upgraded Members

From October 2009 to March 2010, we have the following new and upgraded members:

Life Senior

William J Edwards

Life Member

John Kaunitz
Geoffrey W Trott
Peter C Coogan
Victor J Gosbell
Clive H Potter
Richard C Clarke
William J Edwards

Fellow Member

Benjamin J Eggleton

Senior Member Grade

Jennifer R Seberry
Reuben Shar
Mehmet R Yuce
Yan Wang

2.9 Welcome to our New and Upgraded Members (cont.)

Member Grade

Parui S Chandra
 Gary Shipton
 Nihar T Trivedi
 Douglas B Hayman
 Giuseppe Venuti
 Michael R Willison
 Sudhir Ispahani
 B B Jones
 N Rajaratnam
 Daven Dharmalingam
 L Enjeti
 Dubravko Palecek
 John A M Brady
 Jovan Gligic
 Brendan Hanna
 Dale Harrison
 Joseph E Habib
 Gene Van Grecken
 Sourendra N Sinha
 John I Jones
 Branko Kovac
 Linlin Ge
 Victor Tam
 Paul D Metcalf
 Jonathan Yu
 Raji Ambikarajah
 Allen Chuang
 Dadong Wang
 T Tharmachandirar
 Ghaffer I Kiani
 Sukkim Chin
 Dean A Safadi
 Ian B Farquhar
 Vincent Yue-Sek Chan
 Robert M Leidl
 Jun Ma
 Richard Alexander Harley
 Mark Holden
 Sarah Sharp
 yanguang yu
 Jun Li
 Raul Antonio Flores Veloz
 Andrew Datsenko
 Bo Yan
 Louie Bounassif
 C P Mudannayake
 Aleksandar Ignjatovic
 Adam Kristian Jackson
 gerald jensen
 Steve Webster
 Craig Bennett
 Stephen James Farrell
 Andrei Lachsyz
 Thomas C McLaughlan
 Yang-Wai Chow

Thomas Benke
 Brendon Rae
 Anthony Robert James
 David Boyce
 Mukesh Arjan Tejwani
 Mark Calleija
 Herbert Francis Mailey
 Ying Zhang
 Harold Andrew Burchey
 Michael Stanton
 Ludovico de Souza
 John Michael Gardner
 Damien Geoffrey Gardner
 xun yang
 Mike Brooks
 Haiping Du
 Stuart David Anstee
 Jignesh Kakkad
 Andrew John Horrocks

Associated Grade

Leopold List
 Md Tanvir Rahman
 Steve Abbott
 Anthony George Waller

Affiliate Grade

Anthony Mak
 Paul L Bannerman
 Juan I Nieto
 Katherine Camilleri
 Decler Mendez Hague
 Enver Vasfi
 Yannick Townsend
 Chris Francuz
 Bharathi Chandrasekaran
 Colin John Adams

Grad. Student Member

Md Abu S Miah
 Kam H Fung
 Chi Yan Wong
 Manal E Helal
 Darryn W Lowe
 Timothy T Loy
 Raymond K Sheh
 Yit Ping Kok
 Dale A Prokopovich
 sarath pathuri
 Jianjun Liu
 Iyad Yousef Alsmairat
 Shan Siddiqi
 George C Dungan
 Hao Li
 Tuo Li
 Peerapat Vithayasrichareon

Grad Student Cont.

Christopher J Hunter
 Joao Carlos Aydos
 Joshua Ross Wall
 Zhen W Chen
 Farid M Ahmad
 Lee D Walsh
 Tarek Taha
 V Pasupathinathan
 Alan T Murray
 Akila J Seneviratne
 Sridhar Reddy Pulikanti
 Pranam S Janney
 Thomas Xian Hua Huang
 Rachel L Mackie
 Wilson Pok
 Liang Tang
 Kai Xian Lai
 Junghum Yu
 Dale R Bates
 Louis H Jung
 Jay R Carniel
 Vidhyasaharan Sethu
 Bernard Blackham
 Zhong Zhuang
 Ante Prodan
 James A Howarth
 Mohammad A Al-Rabayah
 Andrew P Bradshaw
 Joo Lim
 Farshad Javadi
 Nai Shyan Lai
 Weisheng Si
 Jun Yang
 Kui Zhang
 Yee Jern Chong
 Haris Javaid
 Wee Han Lim
 Kun Pang
 Ahmed Fawzi Otoom
 Adizul Ahmad
 Prasanna R K Herath
 Anas M Aloudat
 Shukor Sanim Mohd Fauzi
 jhaman Advani
 Joop van de Ven
 Nawid Jamali
 Fawad Nazir
 Thomas Guenther
 Herman Wahid
 jaebok lee
 Long Shi
 Shiela May Servida
 Goran Marjanovic
 Michael Hoy
 Iman Sadinezhad

Grad Student Cont.

Dengji Zhao
 Ryan Toohey
 Jurjen Lippold van Geenen
 Tao Tommy Wu
 Steven Wong
 Heba Khamis
 Alan Chiang
 Leon Chun Yin Lo
 Andre Kyme
 zijie zhang
 Mojtaba Golzan
 Hu Zhe
 Muhammad Aamir Cheema
 Stephen Alexander Barkby
 Jhoanna R Ibabao Pedrasa
 Huda Adibah Mohd Ramli
 Brett Hagelstein
 Haydn Keir Mearns
 Md Anisul Karim
 Robert Christopher Fearn
 Essam A M Rahali

Student Grade

Muralee Krishnan M
 Sabbir Hasan Khan
 Timothy Ian Muscat
 Patrick Tong
 Lewis Keith Garland
 Phillip David Allen
 Michael Craig Burton
 Ming-Chak Lee
 Michael Wood
 Jeffrey O'Neill
 Carlo Magno
 Adam McNeilly
 Pouyan Kazemian
 Drew Nicholas Sturgiss
 Abu Ahmad Abdal Rai
 Jeffry Susanto
 Jensyn Luc
 Manvinder Singh Mann
 Mitesh Patel
 Edmund Li
 Tim Ma
 Peter Goreta
 Rowan Humphreys
 HAICHUAN SHANG
 Eric Leonard Ferguson
 Michael Thomas Leung
 Asheerwadam Jannu
 Muralee Krishnan M
 Sabbir Hasan Khan
 Timothy Ian Muscat

3. Chapter News

3.1 Photonics/SSC/CAS Chapter

Dear Members: In the absence of others coming forward I have agreed to continue in the role of Chairperson for our Joint Chapter. In 2009 we held three technical meetings, all CAS Distinguished Lecturers, and already in 2010 we have held two Distinguished Lecturer meetings. I encourage members to propose local speakers and venues for technical meetings which the Joint Chapter may sponsor - please feel free to contact me about this at gtown@elec.mq.edu.au.

I look forward to meeting you at one of our technical meetings during the year.



Graham Town gtown@elec.mq.edu.au
Chair, Photonics/SSC/CAS Chapter

3.2 Power & Energy Chapter

On 25 February, as part of the 2010 Joint Institutions Lecture Program, a visit was organized at the recently completed state-of-the-art Power Engineering Facility at the University of Sydney.

The Facility incorporates the Sir William Tyree Laboratory in Power Engineering, the ABB Technology Centre, TECHLAND™ studios and research facilities.



PhD Student Georgios Konstantinou explains the capabilities of their Power Systems Simulator

This modern facility integrates, in a unique and seamless way, many professional functions to facilitate learning, industry training and continuous interaction between students, industry colleagues and academia to address the current skills shortage in power engineering in Australia.



Part of the audience being addressed by Lecturer Dr Dylan D.C. Lu prior to entry into the working part of the new laboratory

The facility has been made possible through the generosity of philanthropy and industry. The University has developed strong partnerships with various organisations including Tyree Industries, ABB and Energy Australia to address common challenges. All the instruments were normal production as used in the industry and of particular interest was the Power System Control Centre Simulator.

The event was heavily oversubscribed as the numbers were limited to 40 members from IEEE, IET and Engineers Australia.



John L. Robinson jl.robinson@ieee.org
Past Immediate Chair, Power & Energy 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 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 to prevent any potential disappointment due to last minute changes.

Date (2010)	Event/Meeting/Conference	Speaker	Host	Contact	Venue
30 March	90 Years of Dutch Aeronautics	Fred Abbink	EA	PeterHitchiner	EA Auditorium
22 April	Multicast Networking – Video on Internet	Dr Kim Chin AC University	IEEE	Eddie Fong	EA Auditorium
13 May	Voltage Flashover	Reg Caldwell	IET	Deon/Upali	EA Auditorium
27 May	Smart Grid - \$100M demonstration	David Edwards	EA	Yi Li	EA Auditorium
10 June	Metamaterials in Electromagnetic and Microwave Engineering	Dr Ozgur Isik	IEEE	Eddie Fong	EA Auditorium
24 June	Climate change IPCC	Steve Sherwood	IET	Upali	EA Auditorium
8 July	Climate change - Sceptic	Professor Ian Plimmer	IEEE	George Fox	EA Auditorium
22 July	Free Flow Marine Vortex Turbine - Elemental energy Technology Ltd	Michael Urch	IEEE	Eddie Fong	EA Auditorium
July/August	Safety regime for domestic electric appliances + foil insulation?				

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5. Continue to Receive Circuit by Post

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Note: If you have previously returned this form, there is no need to send it again.

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Address:..... Postcode:.....

Tel:

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Email:

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Or Fax: 61 2 94318677



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If you are a 3rd, 4th or a post-grad student in 2010**

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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 and a copy of 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

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General Enquiries

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Web: www.oceans10ieeesydney.org

Sandra Rae
Event Manager &
Professional Development Director

IEEE New South Wales Section
241st Executive Committee Meeting Minutes
Monday 1st February 2010 at 7:00pm
Sydney University Level 9, Skyroom of the Electrical Engineering building

1 Welcome and Apologies

- Attendees: Dan Popescu, Anthony Zaglas, John Robinson, Karu Esselle, Ian Boyd, Mark O'Malley, Kim Chin, David Tien, Eddie Fong, Bruce Poon, Graeme Gwilliam, Iain Collings, Graham Town, David Burger, Walter Lachs, Errol Chopping, Ali Hellany.
- Apologies: Mohamed Nassereddine, Vassilios Agelidis, Ramutis Zakarevicius.

2 Approval of Agenda and Priority Items(*)

3 Minutes of Previous Meeting and Business Arising

- It was noted that Kim Chin was not recorded as an apology for the Nov meeting.
- Otherwise no changes notified.

4 2010 NSW Section Committee Positions, thanks to outgoing committee members and congratulations to new officers. Meeting attendance/minimum.

- Appreciation was expressed to Nula Ward for her role of Treasurer over the past two years.

5 Chapter Officers, L31 form submissions and Officer Reporting

- Chapter Chairs reminded that L31 forms need to be submitted.
- Remaining Officer Reports to be lodged(check rosters)
- David Tien to email Computer Chapter regarding officers for chapter.

6 Chairman's Report(including call for financial requests)

- Chapter Chairs requested to submit requests for funding in the budget (note the normal nominal \$500 per Chapter can be viewed as a baseline).
- L31 forms need to be submitted, otherwise the respective Chapter will be flagged for closure, and the Section will not receive the related US\$200 per chapter allocation from IEEE
- Chapter Chairs are reminded that it is unsatisfactory to regularly not attend the Section meetings, and/or to not submit monthly reports. It is important for the organization that activities are occurring regularly, and that they are reported.
- Relationships with other professional bodies were discussed. Some previous relationships regarding membership fee discounts are no longer in place.

7 Treasurer's Report

- Nula is trying to sort out some issues with GST, but the L50 form is expected to be submitted on time.
- A draft budget has been put together, using indicative figures.
- Chapter Chairs requested to investigate funding opportunities directly from their Societies.
- Discussion took place regarding the secretarial service we are paying for. Graeme Gwilliam offered to investigate the value for money we are receiving for this service.
- Email budget requests to the Treasurer, Ian Boyd: ian@isp.net.au

IEEE New South Wales Section
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Sydney University Level 9, Skyroom of the Electrical Engineering building

8 CIRCUIT Report

- Chapter reports requested for Circuit by 12th Feb.
- Other articles welcome.
- Student Paper Contest and Free Student Memberships to be publicised
- Advertising \$300/half page and \$500/full page

9 Committee Reports

9.1 Fellow Search

9.2 Membership Development

- Compared to the same time last year, there is a slight increase in membership.

9.3 Professional Activities(relations/payments to professional bodies)

- a. Joint Institutions Professional Activities Committee Meeting now scheduled on last Monday of each month
- b. Flyer are ready for distribution of the following lectures:
 - i. 11 Feb 2010 on NBN
 - ii. 25 Feb 2010 on Sydney Uni Power Lab visit
 - iii. 11 Mar 2010 on Gas Turbine
- c. Flyer for 22 April 2010 on Multicast Network Video on Internet will be ready soon
- d. We need flyer information for lectures:
 - i. 10 June 2010 on Metamaterials in Electronmagnetic and Microwave engineering by Dr Ozgur Isik of Argus Technologies (Anthony to follow up)
 - ii. 22 July 2010 on Free Flow Marine Vortex Turbine (Bruce to followup)
- e. We need 2 more lectures to be filled in 2010 from IEEE for 28 October 2010 and 9 December 2010 (All Chapter Chairs to nominate)
- f. To fix date & venue for a gathering of Executives Committees in 2010
- g. Tripartite agreement has expired. Negotiations between Canberra IE Aust, IEEE Piscataway and IET.

9.4 Educational Activities

- There is an invitation from Macquarie Uni for someone to come to talk about IEEE activities.
- Kim Chin's suggested that her report be deferred until the next meeting.

9.5 Student Activities(Student Branches-Karu, web pages, Student Paper Contest, Free Membership)

IEEE New South Wales Section
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Monday 1st February 2010 at 7:00pm
Sydney University Level 9, Skyroom of the Electrical Engineering building

- Sydney Uni and UWS were the only Uni's that participated last year in the student paper contest.
- Student membership recruitment scheme is to be run again this year. Aim is to attract 200 new students.
- Karu discussed a plan to improve student branch activities across the universities. Plan for the student branches to sponsor postgraduate student seminar series at their respective universities, linked with other measures to encourage undergraduate students to attend, etc. Karu requested to put a written proposal together, including a budget proposal. Possibly advertise these with a monthly email.
- We have been asked to consider a request to be involved in running a Region 10 student conference, to be held towards the end of 2010, including possibly providing some level of funding.

9.6 Awards and Recognition

- Congratulations to Walter Lachs for Outstanding Volunteer Award

9.7 Nominations

9.8 Historian

9.9 Webmaster(updating of web page re officer positions, chapter web pages and contacts)

10 Affinity Groups

10.1 **GOLD** Affinity Group

- David Burger indicated on behalf of Mohamed Nassereddine that two GOLD events will be held in 2010

10.2 Life Member Activities

- John Robinson advised that no events have been planned for Life Members yet and also asked if anyone else wanted to volunteer to chair the affinity group

10.3 Women In Engineering(petition for formation)

- Meetings are taking place. Petition is being prepared to be sent to IEEE for formation.

11 Chapter Reports

11.1 Antennas & Propagation / Microwave Theory & Techniques

- Karu attended the Region Chapter Chair meeting in Singapore.

11.2 Communications / Signal Processing / Oceanic Engineering

11.3 Computer

11.4 Education

11.5 EMBS

11.6 Photonics / Circuits and Systems / Solid State Circuits combined chapter

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- Report submitted. Two meetings planned for 2010, 19 February and 18 March

11.7 **Power Electronics/Industrial Applications/Industrial Electronics**

11.8 **Power and Energy Society**

- Sydney University Power Laboratory visit planed for 25 February 2010.

12 Meetings and Conferences

- Oceans Engineering conference report submitted.
- Dan Popescu discussed a conference that is planned to be run in Sydney four days in December 13-16, 2010 and asked about NSW Section Sponsorship/Technical sponsorship and the possibility of an IEEE Speaker. Estimated 80-100 delegates with European participation. CSIRO Conference Manager(ICT Center).

13 Other Business

- 27 to 28 February 2010, R10 Meeting at Cebu, Philippines – Chair will attend the meeting.
- Nominate V. Chair to participate the R10 2010 meeting with the Chair who has supported. Estimated Expenditure \$1200 Airfares and \$350 Hotel. Approved by the meeting.

14 Next Meeting and Closure

Next meeting 7 pm, 1st March 2010.

Meeting Closed 9:10 pm.

IEEE New South Wales Section
242nd Executive Committee Meeting Minutes

Monday 8th March 2010 at 7:00pm

Northern Sydney Institute of TAFE, North Sydney College, Library Seminar Room 2

1 Welcome and Apologies

- Present: David Tien, Ian Boyd, Iain Collings, Anthony Zaglas, John Robinson, Vassilios Agelidis, Graeme Gwilliam, Graham Town, Ramutis Zakarevicius, Walter Lachs, Mark O'Mally, Bruce Poon, (rep from the DICTA conference), Karu Esselle, .
- Apologies: Eddie Fong, Kim Chin, Jun Shen, Errol Chopping, Mohamad Nassereddine, Ali Hellany

2 Minutes of Previous Meeting and Business Arising

2.1 February 2010 Minutes and Business Arising

- Graeme Gwilliam stated that the quorum for meetings is 7
- Nuala's name not spelt correctly on previous minutes

3 Chairman's Report(David Tien)

- The Outstanding Volunteer Award for 2009 was presented to Walter Lachs by David Tien
- David reported on the Region 10 Annual Meeting 27 & 28 Feb 2010, Cebu, Philippines
- David presented a bid for the Region 10 Annual Meeting to be held in Sydney
- Seven Cities are bidding for the R10 Meeting
- David Tien's Report/Links to be appended to the minutes
- Report by Eddie Fong to be appended to the minutes
- David plans to put in a bid for Tencon 2013
 - o There was a discussion about the high level of expected effort and financial risk involved.
 - o There was a discussion about whether there are sufficient volunteers to run the conference.
 - o It was noted by Vassilios Agelidis that Tencon is not high on the government's list of quality conferences(Less than C) in their recently released listing.
 - o David Tien indicated that he organised Tencon 2001(Singapore)
 - o It was decided that a draft proposal would need to be submitted to the committee for consideration as to whether to proceed; including budget, volunteers (both organizational and technical, grading of papers), and budget risk analysis.
 - o International Committee required
 - o Decision to be made in May
 - o Victoria did not make a big profit when they hosted Tencon(\$50000)

4 Treasurer's Report(Ian Boyd)

- L50 form was submitted on time.
- Draft budget presented
- International exchange rates have worked against us, compared with last year. Rebate from IEEE is expected to be \$14000, which is \$4000 less than last year.
- There was a discussion on whether we are getting value from our financial contribution to Engineering Week. It was noted that for us to get more impact out of the week, we really need to have volunteers to run activities during the week. It was decided to continue our financial support, but to also each Chapter Chair is requested to suggest concrete activities from their Chapters. The possibility of a Distinguished Lecturer was canvassed.
- It was noted that the AGM subsidy is quite large, as is the Student Membership subsidy.
- The budget was passed: Walter Lachs moved; Mark O'Malley seconded.

5 CIRCUIT Report (Mark O'Mally)

- Next circuit to be published soon

Rev: 4(Final)

3 May 2010

Iain Collings (IEEE NSW Section Secretary)

IEEE New South Wales Section
242nd Executive Committee Meeting Minutes

Monday 8th March 2010 at 7:00pm

Northern Sydney Institute of TAFE, North Sydney College, Library Seminar Room 2

6 Items Nominated for Discussion

6.1 Professional Activities(Eddie Fong)

- Relations/payments to professional bodies, volunteer for attending the Engineering week meeting on 11 March – Kim Chin to attend Engineering week meeting on 11 March

6.2 Life Member Activities(John Robinson) – report circulated

6.3 Power and Energy Society Report(Vassilios Agelidis) – report circulated

6.4 Oceans Conference 2010 - minutes of meeting circulated

6.5 Student Activities – the Australia-New Zealand Student Congress in Melbourne was discussed (\$1500 request from Macquarie University Student Branch). There was support in principle however it was agreed that we need clarification of the method of selecting students, and also on the details organizational structure and program of the conference. The students are to be asked to provide clarification on these points (Suggestion of 2 UNSW+2 MU)

6.6 MGA Challenge - call for proposals was circulated.

6.7 Technical sponsorship for Digital Image Computing: Techniques and Applications (DICTA) conference – We need to consider the MOU against the IEEE policy. In particular the statement regarding the substantial contribution to the technical program committee needs to be clarified. The mover is to provide more details, and David Tien is to report back on the IEEE policy next month.

110 to 120 attendees in the past, \$650 registration for early bird, 30-40% IEEE membership. Iain Collings and David Tien to look at MOU and assess if it meets requirements. Need description of Committee.

7 Items Requiring Action

- None advised.

8 Other Business

- Committee Chairs need to be voted.
 - o All chairs were voted
- Regularity of meetings.
 - o To be discussed at the next meeting.
- Karu to present his proposal, as agreed last month.
 - o One meeting has been held. It was successful. The written proposal, as noted last month, is still to be generated.
- It was reported that a conference with UTS as an organizing partner is claiming we are co-sponsoring. David Tien is to write a letter to the organizers to stress that our name should not be used.

Meeting ended 9pm.

Next meeting on 2nd Monday of April.

Rev: 4(Final)

3 May 2010

Iain Collings (IEEE NSW Section Secretary)

IEEE New South Wales Section 243rd Executive Committee Meeting Minutes

Monday 3rd May 2010 at 7:00pm

Northern Sydney Institute of TAFE, North Sydney College, Library Seminar Room 3

1 Welcome and Apologies

- Meeting opened 7:10pm
- Attendees: Bruce Poon, Mark O'Mally, Iain Collings, Eddie Fong, Karu Esselle, Ian Boyd, Graeme Gwilliam, Antony Zaglas, David Tien, Walter Lachs
- Apologies: R.A Zakarevicius, Jun Shen, John Robinson, Kim Chin, Ali Hellany, Pedro Harris, Graham Town

2 Minutes of Previous Meeting and Business Arising

2.1 March 2010 Minutes and Business Arising

- Amendments suggested.
- Revised minutes approved: Moved – Ian Boyd; Seconded – Antony Zaglas

3 Chairman's Report (David Tien)

- Signed MOU between NSW IEEE and the Siberian Section of the IEEE. There is now a chance to apply for funding for visitors to come to Australia under various categories (eg. PhD, Masters, visitors) from the Australian federal government through the Department of Education. Australian Federal Government is currently interested in building links with Russia. Steve Smith travelled to Russia and met the director of the European Section. He announced scholarship (\$10000 + return airfares). David Tien to add the web link.

4 Treasurer's Report (Ian Boyd)

- Report was circulated.
- \$1000 USD received from Oceans Engineering Society
- \$500 USD received from Circuits and Systems Society
- Report approved: Moved – Antony Zaglas; Seconded – David Tien
- \$1364 (ex) expenditure for attending R10 meeting and Joint Lecture program.

5 CIRCUIT Report (Mark O'Mally)

- Email to go out soon calling for submissions for the next Circuit.

6 Items Nominated for Discussion

6.1 Meetings and Conferences (David Tien)

- Creation of SSIT Chapter discussion
- David Tien to check on this point and report next meeting if appropriate.

6.2 Professional Activities (Eddie Fong)

- Sponsorship commitment to Australian Engineering Week 2010
 - Seeking support for Engineering Australia Week. Last year we committed \$1000. It was decided to ask for a preliminary program, in order to assess our possible contributions, and the description of what benefits come from sponsorship.
 - **ACTION:** Eddie Fong to follow up on the preliminary program.
- Received US\$500 sponsor from R10 for Joint Institutions Activities
 - This money is a new initiative for creating activities in the education environment.
 - A report will need to be produced for R10 outlining what initiatives we put in place.

Rev: 1(Draft)

3 May 2010

Iain Collings (IEEE NSW Section Secretary)

IEEE New South Wales Section 243rd Executive Committee Meeting Minutes

Monday 3rd May 2010 at 7:00pm

Northern Sydney Institute of TAFE, North Sydney College, Library Seminar Room 3

- To confirm 10 June 2010 lecture on Microwave Engineering by Dr Ozguk Isik, and 22 July on Elemental Energy Technology (organised by Bruce Poon) and to provide flyer details
 - **ACTION:** Karu and Bruce to supply the relevant information to Eddie.
- Confirmed lectures on 9 Sept 2010 on IF Noise Quality of Wireless Com by Oya Sevimli, on 28 Oct 2010 on IEEE 802.6.15 Wireless body implant technology
 - These lectures have been confirmed and finalized.
- Needs lecture nomination for 2011
- Suggestions of speakers to be passed to Eddie Fong. Five slots to be filled.
- Supported University of Sydney Electrical and Information Engineering Foundation in attending their AGM on 23 March 2010 evening at Sydney University (Eddie Fong)
 - Eddie Fong attended this meeting to represent IEEE.
 - The IEEE NSW Section Chair is a representative on the USyd EIE Foundation, but others are encouraged to consider taking out membership.

7 Items Requiring Action

7.1 Meetings and Conferences

- Conference hosting TENCON 2013, we need to form the organizing committee and need a conference theme and target date for the conference bid by July 2010 (Eddie Fong)
 - The bid deadline is the end of May.
 - At the previous meeting it was agreed that certain material should be presented to the committee, in order for a decision to be made on whether to proceed with the bid. Such material was not tabled.
 - It was agreed that the level of support for organizing the conference, in terms of volunteers, was not at the required level. Further, in the absence of the requested documentation, it was decided not to proceed with the bid.
- Australia/NZ Student Congress 2010
 - Agreed to support up to 4 students from active student branches at a level of \$300 per student, based on application according to the criteria tabled by Karu at the meeting (attached to these Minutes). Details of application dates and administration will be arranged and advertised by Karu. The process is also reliant on a technical program for the congress being approved by this committee.
 - **ACTION:** Karu to follow up with the student branch to obtain the program for the Congress.

8 Other Business

- Bruce Poon reported that 69 submissions out of 84 applications have been approved for support for IEEE Student Membership. The application process is still open.
- The proposed Macquarie Uni Colloquia was discussed. Karu Esselle presented a general procedure for running such Colloquia (attached to these Minutes). It was agreed to proceed with funding for the Colloquia at Macquarie Uni at a level of \$500 for this year, and to consider encouraging other universities to consider running Colloquia in subsequent years. Moved - Antony Zaglas; Seconded - Iain Collings.

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3 May 2010

Iain Collings (IEEE NSW Section Secretary)

IEEE New South Wales Section
243rd Executive Committee Meeting Minutes

Monday 3rd May 2010 at 7:00pm

Northern Sydney Institute of TAFE, North Sydney College, Library Seminar Room 3

- It was noted that the committee has no current conference commitments.
- Iain Collings reported that the International Wireless Communications and Networking Conference (WCNC) was held successfully in Sydney last month. A number of IEEE NSW Section members played leading roles on the organizing and technical committees, including Dr Abbas Jamalipour (Conference Chair), Dr Jay Guo (Technical Program Committee (TPC) Co-Chair), and Dr Iain Collings (TPC Vice-Chair).
- It was mentioned that the committee should consider ways to raise the profile of the Wollongong and Newcastle areas, and look into ways to ease communications with those regions. Possibly consider holding committee meetings outside Sydney, as has been done in the past.

Meeting closed 8:40pm.

IEEE New South Wales Section
243rd Executive Committee Meeting Minutes

Monday 3rd May 2010 at 7:00pm

Northern Sydney Institute of TAFE, North Sydney College, Library Seminar Room 3

Attachments

IEEE Student Congress Selection Criteria

IEEE NSW Sponsorship of students attending the IEEE AUS-NZ Student Congress - Melbourne 2010

IEEE Student Branch Chairs should select IEEE student members for the IEEE NSW sponsorship based on the following selection criteria:

1. Contributions made by the specific student to reportable IEEE activities conducted by the Student Branch in 2010
2. Contributions made by the specific student to reportable IEEE activities conducted by the Student Branch in 2009
3. Commitment to IEEE activities demonstrated by the specific student by serving in the IEEE Student Branch Committee in 2010

Process

The selection of IEEE Student Branches is based on their reportable IEEE activities in 2010.

The Branch Chair should provide a document detailing these activities to IEEE NSW. Based on this document, IEEE NSW will confirm or deny support.

The Branch Chair will allocate available IEEE funds among the selected students according to the above selection criteria.

The Branch Chair will collect relevant expense receipts and submit them to IEEE NSW Treasure for reimbursement, up to the support limit previously confirmed.

The Branch Chair takes the responsibility to reimburse individual students when s/he receives IEEE NSW reimbursement.

Respectfully submitted to IEEE NSW by
Prof Karu Esselle

**IEEE New South Wales Section
243rd Executive Committee Meeting Minutes**

Monday 3rd May 2010 at 7:00pm

Northern Sydney Institute of TAFE, North Sydney College, Library Seminar Room 3

Macquarie University Engineering Colloquia (MQEC)

1. Free and open to general public. IEEE and EA members are specially invited.
2. Approximately 1-2 presentations from invited guests every month
3. One or two presentations every fortnight, including those from PhD and Master research degree candidates
4. All abstracts refereed by academics or prominent researchers
5. All abstracts and speakers biographies published online on a regular basis
6. All Abstracts published in Proceedings once every six months; published online with an ISSN.
7. All events are sponsored by IEEE MQ Branch and IEEE NSW (perhaps EA and IEE as well in the future)
8. Some presentations may be sponsored by relevant IEEE NSW Chapters.
9. All presentations will be announced in the MQEC website where IEEE NSW is mentioned as a sponsor.
10. Invited lectures will be announced through IEEE-NSW and other such email-outs, approximately once a month
11. \$500 requested from IEEE NSW towards refreshments; Macquarie Engineering will match this dollar-to-dollar.

Respectfully submitted to IEEE NSW by
Prof Karu Esselle

IEEE New South Wales Section
243rd Executive Committee Meeting Minutes

Monday 3rd May 2010 at 7:00pm
Northern Sydney Institute of TAFE, North Sydney College, Library Seminar Room 3

Updates from Panel Members

Joint Institutions Committee meeting – Eddie Fong

#####

18:00
27th April 2010
Chatswood RSL

Persons present

Upali (IET)
John Englefield (IET)
Peter Henderson (IEEE)
Deon (IET)

18:10

Meeting opened

#####

Upcoming lecture dates

13th May
Topic change
From Voltage flashover to Integrated Building Communications and Energy Management (Schneider Electric)
Upali to update with a new date for the old topic
IET

27th May 2010
Event not yet secured
David Edwards (Smart Grid)
Alan Sangster to please contact (no response as yet)
EA
YiLi

10th June
Microwave Engineering
Eddie Fong to confirm all ok
Dr. Ozgur Isik
Argus Technologies
IEEE

24th June
Climate Change IPCC
IET
Upali

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8th July
Climate Change Skeptic
EA
Allan Sangster

22nd July
Elemental energy Technology
Confirmed
IEEE
Eddie Fong

12th August
Desalination Plant Kurnell Site Visit
Mark Edmunds to confirm?
EA

26th August
Car Electric Systems (embedded systems)
In Hand
Mark Edmunds
EA

9 September
IF Noise Quality of wireless comms
Oya Sevimili Mc Quarie Uni
IEEE
John Robinson

23 September
Building Automation
Emanuel Moutos
IET
Uplai to confirm the topic. John Englefield to check

14th October
CERN Fusion Collider
Peter Henderson to update

28th October
Medical implant technology
Peter Bradley
IEEE
Eddie Fong
Confirmed

11th November
BLANK
IET
Upali/Deon to update

25th November
Labeling notices emc etc

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3 May 2010
Iain Collings (IEEE NSW Section Secretary)

IEEE New South Wales Section
243rd Executive Committee Meeting Minutes

Monday 3rd May 2010 at 7:00pm

Northern Sydney Institute of TAFE, North Sydney College, Library Seminar Room 3

Allan Sangster
EA

9th December
EA
Amal/Gohulan

A.O.B

1.
Discussion on Joint Sign in Sheets for lecture series

It was raised that we should consider the implementation of some form of sign in sheet to record the attendance of members/visitors to lectures.

The purpose is to provide data to better understand the attendance rates between the institutions and to offer some feedback to the distribution of event notifications.

In its basic form we would at a minimum like to capture the organization to which the attendee is a member. If the privacy police allows (and the visitor) it would be an advantage to capture the name and contact email address.

Deon to send email to committee for chance to explain the purpose and gain feedback.

2.
Deon to circulate the meeting notes.
Please can all named people check that the lecture status is correct and report any problems?

Thank you for your time gentlemen.

19:05
Meeting closed

Oceans 10 Conference and Life Members Update – John Robinson

Oceans 10 Conference. 21 days to the opening. Minutes and registration numbers attached. The Life Members Foundation unfortunately decided not to support our application to provide a US\$10,500 grant for the 3 US students travel costs to the Conference

Life Members : Toni & Grace Karbowiack supplied historical information covering the early days (1960's) of optical communications in Australia. Our thank you letter is attached. They have sold their home in Artarmon and will be moving to St Lukes Retirement Village Little Bay mid May

IEEE visitors. Dr Alan Harvey from RMIT University Melbourne visited Sydney over the ANZAC long weekend. Alan has been very helpful in the past organising DLP visits. We had informal discussions at Bondi Beach Sunday afternoon.

Member Statistics – Bruce Poon

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243rd Executive Committee Meeting Minutes

Monday 3rd May 2010 at 7:00pm

Northern Sydney Institute of TAFE, North Sydney College, Library Seminar Room 3

Compare to Feb 10, we have an increase of about 200 members.
[from 2,192 to 2,392]. The success of 60 free student members
in Mar & Apr 10 is part of the contribution.

Rev: 1(Draft)

3 May 2010

Iain Collings (IEEE NSW Section Secretary)

IEEE New South Wales Section 244th Executive Committee Meeting Minutes

Monday 7th June at 7:00pm

Northern Sydney Institute of TAFE, North Sydney College, Library Seminar Room 1

1 Welcome and Apologies

- Meeting opened 7:10pm
- Attendees: David Tien, Bruce Poon, Walter Lachs, Ian Boyd, John Robinson, Graeme Gwilliam
- Apologies: R.A Zakarevicius, Kim Chin, Graham Town, Mark O'Mally, Iain Collings, Karu Esselle, Anthony Zaglas

2 Minutes of Previous Meeting and Business Arising

2.1 May 2010 Minutes and Business Arising

- Minutes from previous meeting were considered. Editorial/spelling matters were raised by J. L. Robinson and these are to be considered at the next meeting.

3 Chairman's Report (David Tien)

- DT met with Jenny Green from Cairns Convention centre, who wished to encourage IEEE activities to use the Cairns Centre
- DT met with Vice-consul, the Consulate General of the Russian Federation in Sydney, Mr Sergey Vetrik who is seeking close cooperation with NSW and Vladivostok Sections of IEEE. The Russian Vice Consul is seeking support and guidance for social infrastructure works of community waste water and rubbish.
- DT believes more effort should be made by NSW Section Committee to obtain IEEE Conferences and other IEEE activities.
- A report from David Burger was received and noted.

4 Treasurer's Report (Ian Boyd)

- There was discussion on the Section 2009 Balance Sheet and sources of Section and Chapter funding.
Acceptance moved: W. Lachs, Seconded: B. Poon - Passed

5 Items Nominated for Discussion

5.1 Representatives

- it was resolved that the Section have only one membership of the University of Sydney Electrical Engineering Foundation, and to cancel the second.

5.2 Meetings and Conferences

- 2011 Joint Institutions Lectures – needs submission from Chapter and members
 - There was a call for speakers for 2011 in the Joint Technical lecture programme
- AEW sponsorship for \$1K and \$1.5K
 - It was resolved to pay \$1.5K to Engineers Australia towards the 2010 Engineering Week Programme. Moved: B. Poon, Seconded: J.L. Robinson - Passed
- Seek PES Chapter to coordinate and host the Joint Institutions Lecture on 22 July 2010 on "Free Flow Marine Vortex Turbine"
 - Joint Technical Lecture on 22nd July is on "Turbines" and a PES representative is to organise.

6 Other Business

- Ian Boyd advised there is a course for Computer Society Chapter in July 2010, at Washington DC.
- A proposal to arrange for regular joint meeting of the Chairs of IEEE, IET & Engineers Australia (Electrical College of the Sydney Division) was supported. E. Fong to proceed with discussions with the other parties.
- Dr Jan Shau from University of Wollongong had a meeting with Anthony Chan regarding Education.

Rev: 1(Draft)

7th June

Iain Collings (IEEE NSW Section Secretary)

IEEE New South Wales Section
244th Executive Committee Meeting Minutes

Monday 7th June at 7:00pm

Northern Sydney Institute of TAFE, North Sydney College, Library Seminar Room 1

- Report on Oceans Engineering Conference: This was a very successfully activity. 530 attended with 188 attending tutorial sessions. There was a surplus of AUD \$62k (no beneficial payment to local Section), and the next conference is at Seattle in December 2010. J.L Robinson to supply additional information on this activity.

Meeting closed 8:30pm.

Rev: 1(Draft)

7th June

Iain Collings (IEEE NSW Section Secretary)

IEEE New South Wales Section
244th Executive Committee Meeting Minutes

Monday 7th June at 7:00pm

Northern Sydney Institute of TAFE, North Sydney College, Library Seminar Room 1

Attachments

IEEE Student Congress Selection Criteria

IEEE NSW Sponsorship of students attending the IEEE AUS-NZ Student Congress - Melbourne 2010

IEEE Student Branch Chairs should select IEEE student members for the IEEE NSW sponsorship based on the following selection criteria:

1. Contributions made by the specific student to reportable IEEE activities conducted by the Student Branch in 2010
2. Contributions made by the specific student to reportable IEEE activities conducted by the Student Branch in 2009
3. Commitment to IEEE activities demonstrated by the specific student by serving in the IEEE Student Branch Committee in 2010

Process

The selection of IEEE Student Branches is based on their reportable IEEE activities in 2010.

The Branch Chair should provide a document detailing these activities to IEEE NSW. Based on this document, IEEE NSW will confirm or deny support.

The Branch Chair will allocate available IEEE funds among the selected students according to the above selection criteria.

The Branch Chair will collect relevant expense receipts and submit them to IEEE NSW Treasure for reimbursement, up to the support limit previously confirmed.

The Branch Chair takes the responsibility to reimburse individual students when s/he receives IEEE NSW reimbursement.

Respectfully submitted to IEEE NSW by
Prof Karu Esselle

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7th June

Iain Collings (IEEE NSW Section Secretary)

**IEEE New South Wales Section
244th Executive Committee Meeting Minutes**

Monday 7th June at 7:00pm

Northern Sydney Institute of TAFE, North Sydney College, Library Seminar Room 1

Macquarie University Engineering Colloquia (MQEC)

1. Free and open to general public. IEEE and EA members are specially invited.
2. Approximately 1-2 presentations from invited guests every month
3. One or two presentations every fortnight, including those from PhD and Master research degree candidates
4. All abstracts refereed by academics or prominent researchers
5. All abstracts and speakers biographies published online on a regular basis
6. All Abstracts published in Proceedings once every six months; published online with an ISSN.
7. All events are sponsored by IEEE MQ Branch and IEEE NSW (perhaps EA and IEE as well in the future)
8. Some presentations may be sponsored by relevant IEEE NSW Chapters.
9. All presentations will be announced in the MQEC website where IEEE NSW is mentioned as a sponsor.
10. Invited lectures will be announced through IEEE-NSW and other such email-outs, approximately once a month
11. \$500 requested from IEEE NSW towards refreshments; Macquarie Engineering will match this dollar-to-dollar.

Respectfully submitted to IEEE NSW by
Prof Karu Esselle

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Iain Collings (IEEE NSW Section Secretary)

IEEE New South Wales Section
244th Executive Committee Meeting Minutes

Monday 7th June at 7:00pm
Northern Sydney Institute of TAFE, North Sydney College, Library Seminar Room 1

Updates from Panel Members

Joint Institutions Committee meeting – Eddie Fong

#####

18:00
27th April 2010
Chatswood RSL

Persons present

Upali (IET)
John Englefield (IET)
Peter Henderson (IEEE)
Deon (IET)

18:10

Meeting opened

#####

Upcoming lecture dates

13th May
Topic change
From Voltage flashover to Integrated Building Communications and Energy Management (Schneider Electric)
Upali to update with a new date for the old topic
IET

27th May 2010
Event not yet secured
David Edwards (Smart Grid)
Alan Sangster to please contact (no response as yet)
EA
Yili

10th June
Microwave Engineering
Eddie Fong to confirm all ok
Dr. Ozgur Isik
Argus Technologies
IEEE

24th June
Climate Change IPCC
IET
Upali

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Iain Collings (IEEE NSW Section Secretary)

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Northern Sydney Institute of TAFE, North Sydney College, Library Seminar Room 1

8th July
Climate Change Skeptic
EA
Allan Sangster

22nd July
Elemental energy Technology
Confirmed
IEEE
Eddie Fong

12th August
Desalination Plant Kurnell Site Visit
Mark Edmunds to confirm?
EA

26th August
Car Electric Systems (embedded systems)
In Hand
Mark Edmunds
EA

9 September
IF Noise Quality of wireless comms
Oya Sevimili Mc Quarie Uni
IEEE
John Robinson

23 September
Building Automation
Emanuel Moutos
IET
Uplai to confirm the topic. John Englefield to check

14th October
CERN Fusion Collider
Peter Henderson to update

28th October
Medical implant technology
Peter Bradley
IEEE
Eddie Fong
Confirmed

11th November
BLANK
IET
Upali/Deon to update

25th November
Labeling notices emc etc

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Iain Collings (IEEE NSW Section Secretary)

IEEE New South Wales Section
244th Executive Committee Meeting Minutes

Monday 7th June at 7:00pm

Northern Sydney Institute of TAFE, North Sydney College, Library Seminar Room 1

Allan Sangster
EA

9th December
EA
Amal/Gohulan

A.O.B

1.
Discussion on Joint Sign in Sheets for lecture series

It was raised that we should consider the implementation of some form of sign in sheet to record the attendance of members/visitors to lectures.

The purpose is to provide data to better understand the attendance rates between the institutions and to offer some feedback to the distribution of event notifications.

In its basic form we would at a minimum like to capture the organization to which the attendee is a member. If the privacy police allows (and the visitor) it would be an advantage to capture the name and contact email address.

Deon to send email to committee for chance to explain the purpose and gain feedback.

2.
Deon to circulate the meeting notes.
Please can all named people check that the lecture status is correct and report any problems?

Thank you for your time gentlemen.

19:05
Meeting closed

Oceans 10 Conference and Life Members Update – John Robinson

Oceans 10 Conference. 21 days to the opening. Minutes and registration numbers attached. The Life Members Foundation unfortunately decided not to support our application to provide a US\$10,500 grant for the 3 US students travel costs to the Conference

Life Members : Toni & Grace Karbowiack supplied historical information covering the early days (1960's) of optical communications in Australia. Our thank you letter is attached. They have sold their home in Artarmon and will be moving to St Lukes Retirement Village Little Bay mid May

IEEE visitors. Dr Alan Harvey from RMIT University Melbourne visited Sydney over the ANZAC long weekend. Alan has been very helpful in the past organising DLP visits. We had informal discussions at Bondi Beach Sunday afternoon.

Member Statistics – Bruce Poon

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IEEE New South Wales Section
244th Executive Committee Meeting Minutes

Monday 7th June at 7:00pm

Northern Sydney Institute of TAFE, North Sydney College, Library Seminar Room 1

Compare to Feb 10, we have an increase of about 200 members.
[from 2,192 to 2,392]. The success of 60 free student members
in Mar & Apr 10 is part of the contribution.

Rev: 1(Draft)

7th June

Iain Collings (IEEE NSW Section Secretary)

IEEE New South Wales Section 245th Executive Committee Meeting Minutes

Monday 5th July 2010 at 7:00pm

Boardroom Level 29, 100 Miller St, North Sydney

1 Welcome and Apologies

- Meeting opened 7:00pm
- Attendees: David Tien, Mark O'Mally, Kim Chin, Ali Hellany, Antony Zaglas, Walter Lachs
- Apologies: Bruce Poon, Eddie Fong, Iain Collings, Ian Boyd, Karu Esselle, Graeme Gwilliam, R.A Zakarevicius, Jun Shen, John Robinson, Graham Town, Danny Soetanto.

2 Minutes of Previous Meeting and Business Arising

2.1 7 June 2010 Minutes and Business Arising

- Minutes should be revision 2.
- Item 1 spelling should be Antony Zaglas
- Item 6 spelling should be Jun Shen
- Not a Quorum

3 Chairman's Report (David Tien)

- John Vig email 22 June 2010: looking for chairs to serve on committee 2012 for Conference by IEEE Sensors Society with a projected 600 attendance. Looking for Good Venues in Australia.
- David Tien sent email asking if there was a financial share for NSW but no response to date.

4 Treasurer's Report (Ian Boyd)

- No updates

5 CIRCUIT Report (Mark O'Mally)

- Mark O'Mally has started to compile July Circuit.
- A Zaglas to provide article for Multicasting Lecture by Kim Chin.
- John Robinson submitted article for Oceans 2010 Conference. Need photos.
- Eddie Fong sent Lectures List, also AEW program to be included, Karu Esselle report and Student Congress Flyer.
- Include 2011 Section on Committee Nominations request

6 Items Nominated for Discussion

- 6.1 Professional Activities (Eddie Fong)
 - Eddie Fong's email of 29 June 2010
- 6.2 Technical Meetings and Reporting
 - Iain Collings to request(Peggy)Antony Zaglas be given access for reporting of meetings
- 6.3 Computer Chapter Committee
 - David Tien taking over Computer Chapter Chairs position to try and get a committee(Circuit article and invitations)
- 6.4 EMBS Committee
 - Antony Zaglas to try and contact Jeff Armistead re current committee and meetings
- 6.5 Circuit article re Oceans 20100
 - See 5 above
- 6.6 Webmaster Position
 - David Tien to look at ways of getting a replacement or assistance for Fuat Acar. Possible payment.

Rev: 0(Draft)

16 July 2010

Antony Zaglas for Iain Collings (IEEE NSW Section Secretary)

IEEE New South Wales Section 245th Executive Committee Meeting Minutes

Monday 5th July 2010 at 7:00pm

Boardroom Level 29, 100 Miller St, North Sydney

- 6.7 August and September Meeting Dates
 - Section meetings will be on Monday 2nd of August (Bank Holiday) and 5 September.
 - David Tien will be away overseas for September meeting
- 6.8 AEW Registration email by Aimee Nadovsky 9 July 2010
<https://events.engineersaustralia.org.au/ei/wicloginpage.ei2?id=310>
- 6.9 Approval of IEEE Student Congress Program
 - Ali Hellany to email active student branches. Only partial take up of student free memberships.
- 6.10 IEEE NSW Section AGM and Dinner-26 November 2010.
 - David Tien to look at venues and get proposals
 - Possible venues Westin GPO, Greek restaurant near Wynyard.

7 Items Requiring Action

8 Other Business

- 8.1 Graeme Gwilliam suggested minimum three meetings be attended as a prequalification for reappointment to chair a committee.
- 8.2 GOLD, Life Members and WIE funding in budget.

9 Standing Items

- 9.1 Committee Reports
 - 9.1.1 No Fellow applications
 - 9.1.2 Bruce Poon submitted Membership Report
 - 9.1.3 Kim Chin gave a lecture at Macquarie University about IEEE Membership benefits. Attendance was six(6)
 - 9.1.4 Nominations for outstanding Volunteer Award Graeme Gwilliam and John Robinson.

Meeting closed 8:30pm.

IEEE New South Wales Section 245th Executive Committee Meeting Minutes

Monday 5th July 2010 at 7:00pm
Boardroom Level 29, 100 Miller St, North Sydney

Attachments

Australia Council Meeting – 29 June 2010 – Eddie Fong

A&NZ congress has successfully obtained \$10K sponsorship and also AC \$2K sponsorship. Their invite and program are attached. Hi Karu, your student plan to go and this information may be useful for planning.

AC has also supported the ICC 2014 bid in Sydney, attached letter for your reference. Energy Australia is seeking endorsement from IEEE AC for development AS5033 - Installation of Photovoltaic Arrays & AS/NZS 4777. AC will seek IEEE HQs for guidance on this endorsement. However, AC will like to seek Chair of Power Chapter to provide their comments on these standards.

AP/MTT Chapter Report – Karu Esselle

As planned, Karu gave a IEEE/MQEC/IESL lecture last night (29/06) on "Capturing, Radiating and Guiding Waves in the Modern Wireless World" at Macquarie University and about 40 attended.

I'll lodge L31 to IEEE.

Member Statistics – June 2010 – Bruce Poon

- 1) Compare to May 10, we have a minor increase of 60 members [from 2,440 to 2,500].
- 2) I will be overseas from 3 Jul to 19 Jul 10 and I will not be able to attend the Jul 10 committee meeting.

IEEE Student Congress Program – Karu Esselle

Thursday 25 November

9:00am	Registration of Attendees
9:30am	Welcome and overview of program of events from ANZCON Chair and IEEE Vic Section President
10:00am	Icebreaker session
10:30am	Morning Tea
11:00am	Distinguished lecturer from IEEE or IEEE past or present President speech
11:30am	Announce competition details for poster competition and project competition
11:45am	Team building exercise from corporate events company
12:30pm	Lunch
1:30pm	Distinguished lecturer talk from NICTA (Professor Rod Tucker) - Research
2:00pm	Talk from Major sponsor (Dialog Information Technology)
2:45pm	Afternoon tea
3:15pm	Team building exercise/ group discussion
4:00pm	Talk from Principle Sponsor (Possibly SKM consulting) – Employment solutions
5:00pm	End of formal events. Break until 7pm.
7:00pm	Formal Dinner to be held at IBIS hotel function room

Rev: 0(Draft)

16 July 2010

Antony Zaglas for Iain Collings (IEEE NSW Section Secretary)

IEEE New South Wales Section
245th Executive Committee Meeting Minutes

Monday 5th July 2010 at 7:00pm
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Friday 26 November

9:00am	Welcome back
9:15am	Talk from GOLD representative.
9:45am	Team building exercise
10:30am	Morning tea
11:00am	Mentoring/career info
12:30pm	Lunch (and set up for project judging/ viewing)
1:30pm	Project viewing by judging panel and attendees
2:30pm	Project winners announced
2:45pm	Afternoon tea
3:15pm	Open forum for employers to engage with students/ GOLD – break out sessions
4:45pm	Official wrap up
6:30pm	Cocktails and networking event

Rev: 0(Draft)

16 July 2010

Antony Zaglas for Iain Collings (IEEE NSW Section Secretary)

IEEE New South Wales Section
246th Executive Committee Meeting Minutes

Monday 2nd August 2010 at 7:00pm
Boardroom Level 29, 100 Miller St, North Sydney

1 Welcome and Apologies

- Meeting opened 7:00pm
- Attendees: David Tien (Chair), Eddie Fong, Ian Boyd, Iain Collings, Graeme Gwilliam, Walter Lachs, Ramutis Zakarevicius, Karu Esselle, Graham Town, Mark O'Mally, Bruce Poon, Kim Chin, Antony Zaglas
- Apologies: Errol Chopping, John Robinson, Jun Shen

2 Minutes of Previous Meeting and Business Arising

- David Tien moved minutes of June and July 2010 meetings be received
- Walter Lachs seconded the motion
- The motion was passed

3 Chairman's Report (David Tien)

- Circuits and Systems Conference will be held in Melbourne
- There was a request from Sydney Convention Centre to bring conferences to Sydney
- IEEE Computing Science Conference looking to Sydney/region for hosting
- David Tien going to Beijing later this month
- Invitation to R8 Conference
- Joint conference with Russian Academy of Science in Vladivostok is going ahead. This is part of our joint agreement with the Russian Section of the IEEE.
- Invitation to Siberian Section Coordinator to attend AGM. Proposal for NSW Section to fund half costs
- David Tien moved a motion of congratulations for Mark O'Mally's newborn baby

4 Treasurer's Report (Ian Boyd)

- Income and Expenditure report was tabled for 1st January to 1st August
- AGM is the main expenditure for the year to come
- Chapters have been less active financially than expected
- There are four unrepresented cheques which were written more than six months ago. It was decided to write them off, since they are inactive after six months
- Report moved – G. Gwilliam, seconded – K. Esselle

5 CIRCUIT Report (Mark O'Mally)

- Circuit in queue for issue

6 Items Nominated for Discussion

- 6.1 Invite coordinator of sister Section IEEE Russia Siberian to visit NSW and attend AGM.
 - \$2000 was approved for a visitor, as discussed by David Tien.
 - Moved: Antony Zaglas, Seconded: Ian Boyd
- 6.2 David Tien to confirm with Eddie Fong location and Eddie Fong to coordinate and organise book. A date was discussed for a meeting to get together with the other institutions' executive committees. The discussion was led by Eddie Fong. Friday 24th September was discussed.
- 6.3 IEEE Jobsite participation from NSW Section – require volunteer to follow up (Errol unable to commit time)
 - There is a lot of initiative in India on this topic. The Region 10 office requested the Australian Council to participate. They also want all the Sections to participate.
 - Paid for ads
 - Immigration and Registration for Engineers may be issues
 - Processed through Australia Council

Rev: 0(Draft)

16 July 2010

Antony Zaglas for Iain Collings (IEEE NSW Section Secretary)

IEEE New South Wales Section 246th Executive Committee Meeting Minutes

Monday 2nd August 2010 at 7:00pm

Boardroom Level 29, 100 Miller St, North Sydney

- Contacts in Industry required
- 6.4 2011 Joint Institutions lecture – request for submission
 - Starting to fill in the lecture schedule for 2011. Chapter Chairs to send Eddie Fong details of potential speakers and preferred dates.
- 6.5 AEW in on (1st week of August 2010)
 - We provided \$1500 and our logo is on all the leaflets, handouts, etc.
 - Next year we should take the opportunity to have a few flyers to hand out at the launch day.
 - Antony Zaglas attended AEW prelaunch at Martin Place
 - Bruce Poon attended AEW event at Manly
- 6.6 Eddie to step down from Chair, Joint Institutions Activities at end 2010 and EA will step up to be Chair for 2011 and 2012. Need volunteer to takeover this role from 2011.
 - Graham Town volunteered, and Anthony Zaglas volunteered to be a backup.
- 6.7 Finalise IEEE NSW Student Travel Awards for the AUS-NZ IEEE Students Congress
 - Two students will be supported to attend the Congress – Yogeshwar Ranga and Dush Thalakatuna. The students will be asked to submit a joint report after the event.
 - Expected cost \$900
 - Moved Karu Esselle, seconded Graeme Gwilliam, passed
- 6.8 Call for Nominations – R10 Outstanding Volunteer Award
 - The suggestion is to nominate John Robinson. Zac will follow it up.

7 Items Requiring Action

8 Other Business

- A letter was received from a UNSW student about to start a Masters degree. It was decided to pass it to the UNSW Student Branch.
- Please lodge all L31 forms as soon as possible.
- A suggestion was made to have a single person as the point of contact for lodging L31 forms and similar notifications, in future years.
- Thanks were expressed to Mark O'Mally for organising the location for today's meeting.
- Need to look at NSW Section Logo

Meeting closed 8:36pm.

Next Meeting: Monday September 6

IEEE New South Wales Section

247th Executive Committee Meeting Minutes

Monday 6th September 2010 at 7:00pm

Northern Sydney Institute of TAFE, North Sydney College, Seminar Room 3

Welcome and Apologies

- Meeting opened 7:00pm
- Attendees: Ian Boyd(Treasurer/Stand-in Chair), Walter Lachs, John Robinson, Graham Town, Antony Zaglas
- Apologies: David Tien, Eddie Fong, Iain Collings, Graeme Gwilliam, Ramutis Zakarevicius, David Burger, Eddie Fong, Bruce Poon, Mark O'Mally, Kim Chin, Karu Esselle, Ali Hellany, Jun Shen
- Guests: Nassir Fakhouri(CQU)

1 Minutes of Previous Meeting and Business Arising

- Minutes of August 2010 meeting were tabled
- Item 6.7 correct spelling to Expected
- Check Rev No & date of issue
- A quorum was not present and minutes will be voted on at October meeting

2 Chairman's Report (David Tien)

- No Chair's Report

3 Treasurer's Report (Ian Boyd)

- There was no change in the financial situation in August. Some cheques need to be signed

4 CIRCUIT Report (Mark O'Mally)

- There was a query from CSIRO regarding costs of advertising in circuit-refer Mark O'Mally email dated 6 September 2010. There was support for \$200 for half page add however there was no quorum.

ACTION: Can executive officers indicate their support or not regarding the matter to Mark O'Mally by email

5 Items Nominated for Discussion

- 5.1 Antony Zaglas indicated that he had sent an email to HQ requesting access for lodging L31 reports without a response to date. It was agreed that the Secretary send an email to HQ(Peggy Kovacs) requesting access be granted to Antony Zaglas for Lodging L31 reports.
NOTE: Chapter Chairs and Secretary can lodge L31 forms
- 5.2 Discussion on Circulars and Functions
 - Karu Esselle was sending MU circulars independently
 - No further action on AGM
 - No further information on Joint Institutions dinner meeting
- 5.3 Graham Town proposed that EDS(Electronic Devices and Systems) be added to LEOS/CAS/SSC Chapter.
 - Graham Town to check with Joe Hale if there is a limit on the number of Societies that can form a Joint Chapter.
 - There was general support for the above
 - Require letters from Section Chair, Joint Chapter Chair and Committee vote.
 - Moved Graham Town seconded John Robinson. The motion was supported by those present.

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13 September 2010

Antony Zaglas for Iain Collings (IEEE NSW Section Secretary)

IEEE New South Wales Section

247th Executive Committee Meeting Minutes

Monday 6th September 2010 at 7:00pm

Northern Sydney Institute of TAFE, North Sydney College, Seminar Room 3

- 5.4 There was a request that the Section support LEOS/CAS/SSC Chapter sponsor the 3rd Asia Pacific Optical Sensor Conference to be held in Sydney in February 2012. For technical sponsorship local chapter participation on Conference committee is require. Expected attendance is between 100 and 250. Graham Town moved the motion that the committee support the Conference using the chapter \$500 allocation and Walter Lachs seconded the motion.

6 Items Requiring Action

7 Other Business

- 7.1 Student Branch for Central Queensland University(Kent St Campus)
- 7.1.1 Nassir Fakhouri requested the committee support the formation of a Student Branch for Central Queensland University(Kent St Sydney Campus). There has been an expression of interest from 10 students and could possibly attract several more.
- 7.1.2 Suggest formation be co-ordinated through Ali Hellany
- 7.1.3 There will be some Section funding for an initial meeting
- 7.1.4 Need Student Councillor(IEEE Member and Academic)
- 7.1.5 Need signed petition
- 7.1.6 Some information/link sent by Bruce Poon
- 7.2 Refer appendix attached to agenda for Macquarie University Student Branch activities
- 7.3 John Robinson has provided information to Ramutis Zakarevicius for R10 Outstanding Volunteer Award
- 7.4 Amal Hanna has indicated she may be available to participate on the committee in 2011

8 Standing Items

- 8.1 Committee Reports
- 8.1.1 Fellow Search(Walter Lachs) – Nothing to report
- 8.1.2 Membership Development(Bruce Poon) – Report Submitted by email
- 8.1.3 Educational Activities(Kim Chin) – No Report
- 8.1.4 Awards and Recognition(Ramutis Zakarevicius) – Refer item 8 above
- 8.1.5 Nominations(Graeme Gwilliam) – No Report
- 8.1.6 Historian(David Burger) – Report submitted by email
- 8.1.7 Web Master(Fuat Acar) – Web page has been updated re Officer Positions. Nassir Fakhouri expressed an interest in the Webmaster position or can assist Fuat Acar. Antony Zaglas to contact Fuat and advise him of offer. To be voted at next committee meeting.
- 8.2 Affinity Groups
- 8.2.1 GOLD(Mohamed Nassereddine) – Need second function/meeting
- 8.2.2 John Robinson is trying to solicit support from Life Members for a function with limited success.
- 8.2.3 Women in Engineering(Kim Chin) – Petition for formation still pending
- 8.3 Chapter Reports
- 8.3.1 Antennas & Propagation/Microwave Theory & Techniques(Karu Esselle) – Have had several lectures some still to be reported(L31)
- 8.3.2 Communications/Signal Processing/Oceanic Engineering(Iain Collings) – No report

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Antony Zaglas for Iain Collings (IEEE NSW Section Secretary)

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247th Executive Committee Meeting Minutes

Monday 6th September 2010 at 7:00pm

Northern Sydney Institute of TAFE, North Sydney College, Seminar Room 3

- 8.3.3 Computer(David Tien/TBA) – Nassir Fakhouri expressed an interest in Chair position, need to confirm student membership status OK for position and vote next meeting. Graham Town moved motion that Chair approach ACS with intention of organising two joint lectures a year and Walter Lachs seconded the motion. Check if Image Compression lecture is by IEEE member
- 8.3.4 Education(Jun Shen) – No report/check reporting
- 8.3.5 EMBS(Jeff Armitstead) – Check Reporting and second lecture
- 8.3.6 LEOS/CSS/SSC(Graham Town) – Three lectures reported with two coming up. Also refer item 6.3 above.
- 8.3.7 PE/IAS/IE(Danny Soetanto/TBC) – Lecture by Faz Rahman to be reported. Need second meeting
- 8.3.8 Power and Energy(Vassilios Agelidis) – One meeting reported second needs L31 form lodged.
- 8.4 Meetings and Conferences
 - 8.4.1 Conference Coordinator(David Tien) – no report
 - 8.4.2 Refer item 6.4 above

9 Next Meeting and closure

- 9.1 Next Meeting: Monday October 11 at Northern Institute of TAFE St Leonards
- 9.2 Ian Boyd declared the Meeting closed 8:10pm and Walter Lachs seconded the motion.

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13 September 2010

Antony Zaglas for Iain Collings (IEEE NSW Section Secretary)

IEEE New South Wales Section
247th Executive Committee Meeting Minutes

Monday 6th September 2010 at 7:00pm
Northern Sydney Institute of TAFE, North Sydney College, Seminar Room 3
Appendices

Historian Report – David Burger

A quick update to the activities around the historical/heritage aspects of IEEE. In local terms, the IEEE GHN and other publishers using the GHN as an information resource has prompted a couple of unsolicited responses from people who are happy to allow us to use documents and drawings circa 1914 that relate to the regulation of electrical permits here in Australia. The permissions are being finalised shortly, and these will be uploaded to the IEEE GHN shortly.

As a general call for historic documentation, pertaining to IEEE NSW, or electrical / comms technology in Australia, we would be glad if you can ask others if they would be happy to share their resources. At a NSW level, we still do not have any documentation at all from the 1990's! Please see if you can find something in the back shed.

Many thanks,

David Burger, IEEE NSW Section Historian 2010, IEEE History Committee 2010.

August 10 Member Statistics – Bruce Poon

Compare to Jul 10, we have a minor increase of 32 members [from 2,528 to 2,560].

IEEE Activities of Macquarie University Student Branch – Karu Esselle

The first two were co-hosted by the MTT/Ap Chapter. The third is coming up this month. All held up to the end of June have been reported to IEEE in L31 format.

1. [Design of High-Frequency Chaotic Signal Generators: Venkata Gutta](#)
2. [Capturing, Radiating and Guiding Waves in the Modern Wireless World: Prof Karu Esselle](#)
3. Image Compression Techniques, Ms Irina Rabeja [[abstract](#)] 3:00pm - 4:00pm, Friday 24 September 2010

Rev: 0(Draft)

13 September 2010

Antony Zaglas for Iain Collings (IEEE NSW Section Secretary)

OCEANS '10 IEEE Sydney

24 – 27 May 2010, Sydney, Australia

ORGANISING COMMITTEE – MEETING MINUTES

Time: 10am to 12noon

Date: 20 January 2010

Venue: ICMSA Boardroom, Level 9, 234 George Street, Sydney

Tel: +61 2 9254 5000

Attendance: Brian Ferguson
Kam Lo
Gary Speechley
Nancy Jensen
John Robinson

Teleconference: Todd Morrison

ICMS Australasia: Emma Bowyer
Thomas Howden
Sandra Rae
Ashleigh Ockerby

Apologies: Mal Heron (IEEE OES Liason)
Jim Barbera (Immediate Past President of the IEEE OES)
Michael Clark
Ramutic A. Zakarevicius
Jane Cleary
Paul Piperias
Phil Chapple
Stefan Williams

Item 1: Marketing

- Activity Summary

Responsibility	Item
SR	SR advised the committee that there have been the following marketing activities carried out since our last meeting: <ul style="list-style-type: none"> - Position Magazine displaying a half page advertisement in February issue - The Maritime Executive displaying a half page advertisement in the January/February issue - Conference Alerts is now displaying OCEANS '10 IEEE information at www.ConferenceAlerts.com/caedit.my Event ID (59165) and contact e-mail address info@oceans10ieeesydney.org
SR	SR to follow up with SCEC regarding advertising on their website
BF	BF advised the LOC that he will take some collateral to Pacific Security Conference 2010. BF to get an exhibitor list while he is at the Conference for TH.

- Website

SR	SR advised that PC has updated the website with a draft program at a glance.
----	--

- Ezine Issue 3 to be sent in January

SR	SR to liaise with BF to update the draft Ezine Issue 3 to be ready to go out by the end of January.
BF	BF to send Pinto article to SR by Friday 22 January 2010. BF to send Gough article to SR by Monday 25 January 2010.

3. Sponsorship and Exhibition

TH	TH advised that exhibition sales are at \$72,136.36, which is 24.05% of target.
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TH	TH advised that sponsorship sales are at \$50, 563.64, which is 50.56% of target.
TH	TH advised that the potential sponsors and exhibitors are looking at the registration and abstract numbers to decide whether to make the investment. We could possibly make more sales if registration opens; program is listed on the website. BF advised that we currently have strong drawcards in the integrated exhibition and the submission of the 360+ abstracts.
TH	NJ advised that contra marketing or some support could be sourced from Cebit Conference at the same time as OCEANS. TH to look into options for marketing/sponsorship here.
NJ	NJ to provide TH with Google Oceans contacts.
BF,GS	Sales orgs to chase – Raytheon, Lockheed Martin, Kongsberg (feedback initially positive), Ultra Systems (Doug Bird), DSRD
GS	GS advised Northropp Grumman can be chased again after declining. GS to follow up
GS, TH	GS advised UVS could take a larger booth space, they may join with Teledyne and possibly Liquid Robotics. TH and GS to chase. TH to also look at requesting other co-exhibitors to upgrade space
TH, GS & BF	TH to meet with GS and BF to discuss a new domestic approach on exhibition and sponsorship. Tentative meeting scheduled for 10am Friday 22 Jan
TH	TH to chase Shark Marine Technologies contact provided by BF
TH	TH to speak to Annabel Davis regarding Pacific 2010 Conference exhibitors.

4. Program - Close of Abstracts Summary

KL	KL advised the LOC that 360 abstracts have been received, which includes 54 student posters. He advised that we should receive a total of approximately 400 abstracts.
BF	BF advised that we can only accept 300 oral presentations to fit into the space. The LOC will need to contract another room if more abstracts are accepted.
KL	KL advised that he and BF will send acceptance letters on 21 February.
SR	SR advised that she will put together an AV brief to get an exact quote from SCEC once the abstracts have been accepted and added to the program.
LOC	LOC to start thinking about who can present the opening address. BF advised that we could get Senator Kim Carr if available. NJ suggested asking Kate Wilson of the NSW Dept Environment, Climate Change & Water as an alternative. BF to consult with PC on this issue also.
BF	BF to contact Kurlander from DSRD.

5. Budget / Financials

GS	GS advised that there have been 5 complimentary registrations allocated to speakers. BF advised that Stuart Anderson would like to give a tutorial and would like to get funded. GS advised that this isn't possible as we need to treat all speakers the same.
BF	BF advised that there has been a request that there should be a retired persons registration rate. SR and the LOC agreed to not advertise this but handle requests on a case by case basis and where appropriate offer these people the student rate.

6. Registration

SR & EB	SR & EB advised TM that if he and Veraprise could not open registration by Friday 22 January 2010 the PCO will be able to open registration through ICMSA's Events system. BF advised that DSTO and other organisations had been pressuring the LOC to open registration or risk allocated training budgets being directed to other conferences. ICMSA confirmed willingness to manually enter in the registrations that go through their system into the DRM form. The LOC agreed to this initiative. TM recommended using the DRM only.
AO	AO to make online form to be ready by Thursday afternoon. SR to link the DRM link when tested and available onto the registration page of the website.

NEXT LOC Meeting scheduled for Wednesday 24 February 2010, at ICMSA Boardroom.

Extract from Diana DiMassa OES Treasurer & B Ferguson's response

Diane,

Thank you for your favourable review and your encouraging words; they are greatly appreciated by the OCEANS '10 IEEE Sydney team.

Kind regards

Brian Ferguson
General Chair,

From: Diane DiMassa [mailto:ddimassaieee@yahoo.com]

Sent: Monday, 1 March 2010 2:19 PM

To: Ferguson, Brian; Speechley, Gary; Piperias, Paul; Nancy.Jensen@csiro.au; Chapple, Philip; Lo, Kam; jl.robinson@ieee.org; Cleary, Jane; robboxs@bigpond.net.au; Mal.Heron@jcu.edu.au; ramzak@bigpond.com; jimbarbera@mindspring.com; stefanw@acfr.usyd.edu.au; Rene Garelo; Archie Todd Morrison III; jerry carroll; Sandra Rae

Subject: Re: OCEANS 10 IEEE Sydney - Meeting Agenda and Reports for 24 Feb

Hello All,

I just wanted to say how encouraged I was by last week's LOC meeting. (Sorry I didn't get this email out to you sooner. I have been scrambling to catch up and finish my work here as I depart Australia tomorrow.)

It was very clear that everyone is working very hard to make this conference a success and I truly appreciate your efforts and your professionalism. You all seem to have a handle on the issues and concerns and I am confident that these can all be worked out. ICMSA has contingency plans that work within the convention center contract in place to respond to the uncertainties related to the exhibition, and that makes the AdCom and ExCom much more comfortable. With the distance and the time change, it has been hard for us to assess how things were going. But the face-time at the meeting was great!

The technical program looks to be very strong, as does the student poster program. At this stage, as it always is, our main concern is finances (of course! says the Treasurer), and I now know that you have an appreciation for not only balancing the budget, but also for providing enough surplus to cover the associated costs not included in the conference budget.

As I said at the meeting, this conference is very important to the OES, and it will have a huge impact on future Society activities. I have passed on my positive comments and updates to Jerry, Rene, and others. You may be hearing from one of us soon, to answer some questions that were posed at the meeting.

Once again, I was very encouraged by the meeting, and I look forward to seeing you again in May.

Cheers,
Diane

Diane DiMassa, Ph.D.
OES Treasurer
ddimassaieee@yahoo.com