

IEEE New South Wales Section  
**231st Executive Committee Meeting Minutes**

Monday 2nd February 2009 at 7:00pm

Northern Sydney Institute of TAFE, North Sydney College St Leonards, Library(Bldg Q)  
Seminar Room 2

## 1 Welcome

### Attendees

David Tien (Chair)	Pedro Harris
Nuala Ward	Anthony Zaglas
Bruce Poon	David Burger
Eddie Fong	Graeme Gwilliam
John Robinson	Kim Chin
Ramutis Zakarevicius	Walter Lachs
Mark O'Mally	

### Apologies

Graham Town	Ali Hellany
Ananda Mohan	Iain Collings
Karu Esselle	Fuat Acar

## 2 Approval of Agenda

The agenda was accepted as tabled.

## 3 Minutes of Previous Meeting and Business Arising

- 3.1 November 2008 Minutes were accepted by David Burger and Walter Lachs.
- 3.2 Business Arising – covered by agenda

## 4 2009 NSW Section Committee Positions

The following Section Committee Positions were confirmed:

Fellow Search – **Walter Lach**  
Membership Development – **Bruce Poon**  
Professional Activities – **Eddie Fong**  
Educational Activities – **Kim Chin**  
Student Activities – **Ali Hellany**  
Awards and Recognition - **Ramutis Zakarevicius**  
Nominations – **Graeme Gwilliam**  
Historian – **David Burger**  
Webmaster – **Fuat Acar**

## 5 Chapter Officers, L31 and Officer Reporting

- Karu issued an chapter report for AP-MTT via email. The two forth coming lectures by Professor Tapan Sarkar will go ahead on the 19th February. Arrangements to be made by Karu for suitable venue.
- David Burger to respond to lecture request.
- Kim Chin to present on Multicast Overlay Network research. Kim to organise.

**Action items:** 1) Karu to facilitate the visit of Professor Tapan; 2) David Burger to

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write to guest lecturer; and 3) Kim to propose a venue and date for her presentation.

David Tien (Chair) provided an overview of an expanded vision for NSW Section. He proposed 6 key themes and activities and asked the Executive to consider leading and/or assisting with any of the following initiatives:

- Continued Education
- Industry Liaison – Public and Private Sectors
- International Liaison Effort
- Fund Raising
- 125 IEEE Anniversary
- NSW Special Conference

## **6 Correspondence**

Approval to reimburse fees for distinguished lecturer

## **7 Treasurer's Report**

### 7.1 Treasurer's Report

Nuala provided an update of the financial situation; the report was circulated with the minutes.

Anthony Zaglas and Walter Lach supported expenditure of \$1500 to Engineers Australia for the IEEE Contribution to the Combined IEEE/EA/IET lecture series of 2008..

### 7.2 Reporting, L50, Revenue, Expenses, Budget, Bank Accounts, signatories and Other Matters

Bank account disclosure documents have been sent to IEEE HQ. L-50 report is in preparation for submission later in February.

David Tien to advise whether he will be seeking funding from IEEE for his travel to the 2008 IEEE Region 10 meeting

A reminder to all that GST receipts are required for all expense claims. (for overseas expenses, receipts are required).

Profit share from UTS auswireless was received - \$486.

The updated authority paperwork has been sent to the ATO.

Current balances of accounts:

- business transaction account (Cheque account) - \$27,241.30
- business online saver account - \$132,216.66

The following Executive are approved signatories to the Commonwealth Account: David Tien, Eddie Fong, Nuala Ward and Pedro Harris.

The financial report was accepted by Walter Lachs and seconded by Kim Chin.

### **Action Items:**

- Nuala to follow up with Commonwealth Bank reasons why Anthony and David still have access to Internet Banking details.

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- All, Nuala asked for budget submissions by 13<sup>th</sup> February. Nuala to send out an email requesting input from all including chapter chairs so a budget can be presented and approved at the next meeting.
- Ramutis Zacareviviuis to email Nuala with receipts to support his claim.

## **8 CIRCUIT Report**

### **8.1 Circuit Report (March Circuit)**

Eddie Fong agreed to continue the circuit report and asked for input/submissions by Sunday.

## **9 Committee Reports**

- 9.1 Fellow Search – **Walter Lach provided a report in Snr Fellow CEC NSW.**
- 9.2 Membership Development – **Bruce Poon provided a summary of the increased numbers, his report is attached to the minutes.**
- 9.3 Professional Activities – **After discussion it was felt that this activity needs a better description, Eddie Fong to continue to lead activity and provide a much better description.**
- 9.4 Educational Activities – **no report.**
- 9.5 Student Activities – **no report.**
- 9.6 Awards and Recognition - **Graeme Gwilliam and Anthony Zaglas to prepare a short justification for potential recipients of IEEE awards. Proposals are to be sent to Zak for review.**
- 9.7 Nominations – **no report.**
- 9.8 Historian – **David provided summary of historian sites and recommended that all take a look at the global website. He is also going to represent the historical project to IEEE**
- 9.9 Webmaster – **no report.**

## **10 Affinity Groups**

- 10.1 GOLD Affinity Group – **no report.**
- 10.2 Life Member Activities – **John Robinson reported that a life member has recently passed away. John to supply details for circuit report,**
- 10.3 Women In Engineering – **Kim inquired about possible funding for WiE and was asked to prepare a budget and to outline her proposal. Also, Kim was asked to submit 8 signatures in support of the formation of the WIE affinity group in the NSW section**

## **11 Chapter Reports**

- 11.1 Antennas & Propagation/Microwave Theory & Techniques – **Karu, no report.**
- 11.2 Communications/Signal Processing/Oceanic Engineering – **no report.**
- 11.3 Computer – **David Tien to find another person to lead this chapter.**
- 11.4 Education – **no report.**
- 11.5 EMBS – **Jeff Armitstead, no report.**
- 11.6 LEOS and Circuits and Systems/Solid State Circuits combined chapter – **Graham Town, no report.**
- 11.7 Power Electronics/Industrial Applications/Industrial Electronics - **no report.**
- 11.8 Power and Energy Society – **John Robinson, no report.**

## **12 Meetings and Conferences**

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- 12.1 Conference Coordinator – **David to work on sponsor for AGM.**
- 12.2 Auswireless 2007 Funds Reconciliation – **refund of \$486 received.**
- 12.3 Oceans Conference 2010 – **no report.**
- 12.4** 10 point recommendation that resulted from Sections Congress – **Eddie's recommendations was accepted and included as part of the 10 recommendations.**
- 12.5 Other Meetings and Conferences – **David Tien encouraged NSW members to consider publishing in journals in addition to conferences.**

**13 Other Business**

- 13.1 Uncommitted Funds – **uncommitted funds cannot be used for scholarships.**
- 13.2 Bylaws – **nil.**
- 13.3** IEEE 125 Year Anniversary – **David Tien, Nuala Ward and Kim Chin to form coordinating committee.**
- 13.4 Other Business – **nil.**

**14 Next Meeting, out of Sydney Meetings and Closure.**

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## **1 Welcome**

### **Attendees**

David Tien (Chair)

Eddie Fong

Nuala Ward

Bruce Poon

John Robinson

Ali Hellany

Graham Town

Walter Lachs

Mark O'Mally

Antony Zaglas

Graeme Gwilliam

Kim Chin

Karu Esselle

Iain Collings

Sarah Hakami

Steven Woodhouse

### **Apologies**

Pedro Harris

Ramutis Zakarevicius

### **Guests**

Alistair McEwen

## **2 Approval of Agenda**

Item 4 change to Chairman's Report

Item 12.1 Conference Coordinator

The agenda was accepted subject to above changes.

## **3 Minutes of Previous Meeting and Business Arising**

File number to be changed from 229 to 231

Item 1 correction to names Antony Zaglas and Karu Esselle

Items 4 and 9.1 correction to name Walter Lachs

Item 4 add Life Members John Robinson, GOLD Sarah Hakami and Conference Coordinator David Tien.

David Tien requested an item be added to the Agenda-Chairman's Report

Item 11.8. John Robinson advised that a conference will be held in Melbourne on Energy and he was looking at a DL. John Robinson to advise details.

Item 12.3 add Brian Ferguson Chair, Iain Collings has no involvement.

Next Meeting at NI TAFE 7:00pm 2 March 2009

Meeting Closed 8:40pm

Graeme Gwilliam moved that minutes be accepted subject to above amendments and

Karu Esselle seconded the motion. The motion was carried.

Business Arising – covered by agenda

## **4 Chairman's Report**

R10 Meeting was held in Hanoi. David Tien to place summary and photos on web page.

At the meeting John Vick talked about the publication database and the revenue it generated. He expressed his concern about the threat posed by Open Access as organizations funding research require that publications be Open Access. Last year there were 900 Conferences, 100 in China, with 80% on Open Access.

Ali Hellani indicated that papers published in Journals carried more weight with Universities.

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Kim Chin indicated that there is a delay of up to a year when publishing papers in journals and that the material may be out of date by the publication date in fast moving fields such as Internet and IT.

It was put forward that the formation of a committee should be considered for providing submissions to Government and other funding bodies.

Another suggestion was to market IEEE at conferences by holding short courses and have display booths.

There are almost 1100 employees at IEEE HQ.

IEEE was working on a new organization chart/menu.

IEEE China Office has opened in Beijing.

R8 Director [Jozef Modelski](#) has put forward the possibility of a joint Event/Function between NSW and Russian Far East(Siberian).

TenCon 2009 will be in Singapore, 2010 in Japan and 2011 in Indonesia.

At TenCon 2008 in Hyderabad there were 348 delegates with 280 from India.

At the R10 meeting there was training on the new electronic tools and L50 submissions.

There was a proposal by Australia Council for a council chairs meeting and request for funding of \$1000 but R10 refused to fund the meeting.

## **5 Chapter Officers, L31 and Officer Reporting**

- Antony Zaglas indicated that he was advised by HQ that the transfer of authorities to Pedro Harris had taken place beginning January. He stated that he no longer had access to reporting SAMIEEE, etc. So he could no longer lodge officer reports. Pedro Harris he indicated he also did not have access.

Antony Zaglas requested that Pedro Harris lodge all remaining reports when access is granted and all those chairing lectures lodge the required L31 forms.

- Discussion if current Computer Chapter chair will continue in position. Proposal that Steven Woodhouse assume the role of Computer Chapter chair. David Tien (chair) to contact current Computer Chapter chair to discuss.

**Action items:** 1) David Tien (chair) to contact current Computer Chapter chair.

David Tien (chair) provided an overview of an expanded vision for NSW Section.

## **6 Correspondence**

David Tien advised that Cairns Convention Centre Roadshow was on Thursday 26 March.

Graeme Gwilliam received a letter from Engineers Australia regarding Engineering week. He is to pass on to Eddie Fong. Eddie indicated that he could not attend the previous Engineering week meeting due to time(5:30pm).

NOTE: Walter Lachs departed the meeting at 7:35pm. He had earlier indicated that the Fellow Submission for Prof. Sanjay Jah of UNSW had been lodged before the deadline.

Kim Chin has received software to manage events and will provide more details to David Tien (chair).

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**7 Treasurer's Report**

7.1 Treasurer's Report

Nuala Ward provided an update of the financial situation. Access for unapproved people has been closed. Update to the tax office has been completed with a number of BAS reports yet to be completed.

7.2 Budget

Not all chapters sent in a request for funding so \$500 has been allocated as an estimate.

It was agreed the 125 year dinner be removed as a budget item and funded from reserves.

Student activities were discussed and Karu proposed \$500 be budgeted for their use.

**Action items:** 1) cost of 125 year dinner be removed from budget.  
2) \$500 be allocated in the budget for student activities.

**8 CIRCUIT Report**

- 8.1 Distribution of CIRCUIT was delayed for a week.
- 8.2 60 copies of CIRCUIT were printed and mailed to members.
- 8.3 David Tien (chair) to send PDF version of CIRCUIT to members.
- 8.4 Mark O'Mally to assume responsibility of editor of CIRCUIT.

**9 Committee Reports**

- 9.1 Fellow Search –
- 9.2 Membership Development – discussion around the retention rate of student members which is 34%, proposed that free student memberships will be offered.
- 9.3** Professional Activities – a visit to the Optus NOC has been organised for the 30<sup>th</sup> April, Eddie Fong to send out flyer.
- 9.4 Educational Activities – lecture on expert witness part 2 scheduled for 7<sup>th</sup> April
- 9.5 Student Activities – .
- 9.6** Awards and Recognition -
- 9.7 Nominations – all academics should talk to Graeme Gwilliam re: new initiative
- 9.8 Historian – David provided summary of historian sites and recommended that all take a look at the global website. He is also going to represent the historical project to IEEE
- 9.9 Webmaster – David Tien (chair) to arrange for a new webmaster.

**10 Affinity Groups**

- 10.1 GOLD Affinity Group – no report.
- 10.2 Life Member Activities – John Robinson reported that 2 life member's have recently been located.
- 10.3 Women In Engineering – Kim Chin to provide report at next meeting.

**11 Chapter Reports**

- 11.1 Antennas & Propagation/Microwave Theory & Techniques – Karu provided report on current activities.

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- 11.2 Communications/Signal Processing/Oceanic Engineering – no report.
- 11.3 Computer – David Tien proposed Steven Woodhouse lead this chapter.
- 11.4 Education – no report.
- 11.5 EMBS – Jeff Armitstead, no report.
- 11.6 LEOS and Circuits and Systems/Solid State Circuits combined chapter – Graham Town, no report.
- 11.7 Power Electronics/Industrial Applications/Industrial Electronics - no report.
- 11.8 Power and Energy Society – John Robinson organising lecture and will e-mail to PES members.

**12 Meetings and Conferences**

- 12.1 IEEE 125 year Anniversary Conference – John Robinson to investigate possible venues that can seat 60 people.

**13 Other Business**

Information given about a networking function on 27<sup>th</sup> March.

**14 Next Meeting, out of Sydney Meetings and Closure.**

Meeting closed 9:25pm



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Monday 6th April 2009 at 7:00pm

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Seminar Room 1

**1 Welcome**

**Attendees**

David Tien (Chair)  
Eddie Fong  
Nuala Ward  
Walter Lachs  
Mark O'Mally

John Robinson  
Graeme Gwilliam  
Bruce Poon  
Pedro Harris  
Steven Woodhouse

**Apologies**

David Burger  
Ali Hellany  
Karu Esselle  
Kim Chin  
Faut Acar

Ramutis Zakarevicius  
Antony Zaglas  
Sarah Hakami  
Ananda Mohan

**Guests**

Special guest from UTS: Prof D. Wong

Walter Lachs had to depart the meeting early at 8pm.

**2 Approval of Agenda**

It was agreed to add the names of Chairs responsible for providing a chapter report.

**3 Minutes of Previous Meeting and Business Arising**

9.3 the date of the Optus NOC is the 16<sup>th</sup> April.

10.2 John corrected the minutes to say that "two active life members have been recently found".

Bruce suggested that an Ambassador discount card attracting 5% discount be pursued as a way of passing on member benefits.

It was confirmed that the NSW Section approved membership fees of graduate student members. Bruce to email Sarah with this information.

Graeme Gwilliam moved that minutes be accepted subject to above amendments and Mark O'Mally seconded the motion. The motion was carried.

Business Arising – covered by agenda

**4 Chairman's Report**

Chairman reported on discussions with the Convention Bureau for an IEEE membership event. Discussions are ensuing with the Hilton Sydney for sponsorship.

The Chairman's faculty at CSU is proposing to host a forum; it will be free for IEEE members.

Steven Woodhouse has confirmed his acceptance of Chair of the Computer Society following a meeting with Kate Caruthers (former Chair).

Steven Woodhouse outlined plans for an IT forum/conference that includes academics and practioners.

**5 Chapter Officers, L31 and Officer Reporting**

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**6 Correspondence**

John Robinson confirmed that he had posted a letter and sent an email to Vassilios. Graeme Gwilliam received a letter from Engineers Australia regarding Engineering week. He is to pass on to Eddie Fong. Eddie indicated that he could not attend the previous Engineering week meeting due to time (5:30pm).

**7 Treasurer's Report**

7.1 Treasurer's Report

Nuala Ward provided an update of the financial situation. The backlog processing of BAS Statements is up to date except for 1 missing statement which is being followed up. The ATO are withholding \$3,000 until finalised.

The Chairman commended Nuala for sorting out the finances and in particular the L50 forms. The Committee also expressed appreciation for Nuala's efforts. Nuala provided the following summary:

No	Date	Description	Amount
1	20/02/2009	Kim Chin - Travel Annual ASEE	\$1,000.00
2	20/02/2009	Engineers Australia - Other Program Expenses Joint Lecture Chatswood	\$1,500.00
3	09/03/2009	Karu Esselle - Meetings and Social Events AP/MTT	\$399.07
4	01/04/2009	APC Publication Expenses - APC Fees	\$65.78
5	01/04/2009	UTS Union Ltd - Meetings & Social Events AP/MTT	\$225.92

**8 CIRCUIT Report**

8.1 Mark O'Mally asked for suggestions of topics, content and digital photos for the May Circuit Report.

**9 Committee Reports**

9.1 Fellow Search – John Robinson received an application for fellow.

9.2 Membership Development – Bruce Poon reported that membership stands as 2124, details are in tabled report. Confirmed free membership for graduate students. To offer half-price memberships – start date to be determined and to report back to next Section Meeting.

9.3 Professional Activities – Eddie Fong Joint Activity – Joint Lectures not yet scheduled, exploring IET Engineer joint technical lecture at Chatswood. Nuala confirmed budget of \$1,650 exists for Engineer Australia sponsorship – Eddie to report on what value we extract from the sponsorship arrangement going forward.

9.4 Educational Activities – no report

9.5 Student Activities – no report

9.6 Awards and Recognition - no report

9.7 Nominations –Graeme Gwilliam iterated that an email should be sent to all members regarding nominations for roles.

9.8 Historian – no report

9.9 Webmaster – no report

**10 Affinity Groups**

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- 10.1 GOLD Affinity Group – no report.
- 10.2 Life Member Activities – John Robinson reported on Phil Watts lecture – Energy Australia, still waiting for CV/BIO.
- 10.3 Women In Engineering – no report.

### **11 Chapter Reports**

- 11.1 Antennas & Propagation/Microwave Theory & Techniques no report
- 11.2 Communications/Signal Processing/Oceanic Engineering – no report.
- 11.3 Computer – Steven Woodhouse met with Kate Caruthers, will report on plans to reinvigorate chapter.
- 11.4 Education – no report.
- 11.5 EMBS –, no report.
- 11.6 LEOS and Circuits and Systems/Solid State Circuits combined chapter – Graham Town, no report.
- 11.7 Power Electronics/Industrial Applications/Industrial Electronics - no report.
- 11.8 Power and Energy Society – John Robinson sent out a report on 22/3 to 48 members and 25 guests.

The Committee asked for the names of the various Affinity and Chapters to be included on the Agenda. The Chairs are requested to provide a summary report a week before every meeting.

### **12 Meetings and Conferences**

- 12.1 IEEE 125 year Anniversary Conference – The Crown Plaza venue was accepted. The Committee deferred the event date for 2-3 months to allow more time for planning. Pedro and Nuala to work with Eddie and John on organising the celebration.

### **13 Other Business**

Professor D. Wong, UTS, provided an overview of an IEEE HealthCom 2009 Conference he is involved with. The Conference is on e-Health Networking and is examining Health Care – Aging Population to see how IT can assist with the shortage of resources. The Nursing and IT faculties are working in partnership. The IEEE NSW Section Committee proposed to support the event with Technical Co-Sponsorship package.

### **14 Next Meeting, out of Sydney Meetings and Closure.**

Meeting closed 9:00pm

Next Meeting at North Sydney TAFE 7:00pm 4th May 2009

### **Action Items:**

- 1. Bruce/Pedro to send notification to Sarah regarding the free membership for post graduate students.
- 2. Nuala, Pedro, Eddie, John to coordinate logistics for 125 year Anniversary

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Monday 4th May 2009 at 7:00pm

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Seminar Room 3

**1 Welcome**

**Attendees**

David Tien (Chair)

Faut Acar

Nuala Ward

Walter Lachs

Mark O'Mally

Ali Hellany

Graeme Gwilliam

Bruce Poon

Pedro Harris

Steven Woodhouse

Ramutis Zakarevicius

**Apologies**

David Burger

Antony Zaglas

Karu Esselle

Kim Chin

John Robinson

Graham Town

Vassilios Agelidis

Iain Collins

Ananda Mohan

Eddie Fong

**Guests**

Nil

**2 Approval of Agenda**

The Agenda was confirmed.

**3 Minutes of Previous Meeting and Business Arising**

**Corrections**

9.1 Fellow Search – Walter Lachs (in place of John Robinson) received an application for fellow.

**Matters Arising**

Steven Woodhouse confirmed as Chair of Computer Society. Reported having difficulty in accessing authorization codes for web site. Bruce recommended contacting the Member Services as they would be able to assist.

10.2 Ramutis Zakarevicius reported on behalf of John Robinson that John has received BIO and he has 65 members registered.

Other Business Arising – covered by agenda.

Steven Woodhouse proposed the minutes be accepted, Nuala Ward seconded.

**4 Chairman's Report**

1) Chairman reported on R10 Council deliberations. Chairman reported that Council proposed to run a cross jurisdiction Ocean chapter due to low numbers of registrations in the various States. Section Meeting was concerned about what benefits would be achieved and outlined concerns with mechanism of making it work.

2) Chairs Forum – proposal to sponsor chair heads to attend forum – increased contributions from them.

3) Floated an idea for a GIS conference request.

4) Raised concerns about too many emails being sent out under his office – suggested a monthly mail out. David Burger will assist with preparing PDFs and distribution.

Walter Lachs proposed the Chairman's report be accepted and Graham Gwilliam Ward seconded.

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**5 Chapter Officers, L31 and Officer Reporting**

Nil.

**6 Correspondence**

Emailed Chapter Reports will be addressed on Agenda.

**7 Treasurer's Report**

7.1 Treasurer's Report

Nuala Ward provided an update of the financial situation. All the ATO BAS statements are up to date and we should have received withholding monies of around \$3,000. L50 reports are finalised. Raised outstanding issue with Professor Tuppen's lecture. Provided cheque for Engineering Australia sponsorship of \$1,000. Balance of \$133,000 and cheque account \$30,000.

Asked to be informed of any un-banked cheques.

The finance report was proposed by Graham Gwilliam and seconded by Walter Lachs.

**8 CIRCUIT Report**

8.1 Mark O'Mally asked for suggestions of topics, content and digital photos for the Circuit Report.

8.2 The Committee expressed intention of moving away from paper mail outs to distributing material only electronically. The July CIRCUIT report by snail mail will be phased out and Members will be informed and asked to supply email addresses. Those who do not have email address and those who prefer to receive CIRCUIT by mail will still receive their snail mails.

8.3 Mark to include in the July publication information about the 125th Anniversary. Bruce Poon to generate names for labels by mid June and send to Australian Professional Centre.

**9 Committee Reports**

9.1 Fellow Search – Nil.

9.2 Membership Development – Bruce Poon reported that membership stands as 2186 and senior members & fellows are 173 (an increase of 4 senior members from last month). Ali advised that he has contacts for all the Heads of School in all 8 universities. He was approved \$2,000 for student competitions.

9.3 Professional Activities – no report

9.4 Educational Activities – no report

9.5 Student Activities – no report

9.6 Awards and Recognition - no report

9.7 Nominations –Graeme Gwilliam iterated that an email should be sent to all members regarding nominations for roles.

9.8 Historian – no report

9.9 Webmaster – Faut Acar reported concerns with the speed of the web server and its impact on seekers and administrators. Faut to investigate options to re-host with IEEE Head Office computers and to consider options for improving the Content Management component.

Graham Gwilliam proposed to accept the Committee reports, Mark O'Mally seconded it.

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**10 Affinity Groups**

- 10.1 GOLD Affinity Group – no report.
- 10.2 Life Member Activities – John Robinson reported via email that Phil Watts lecture is going ahead on Thursday 7<sup>th</sup> May. A follow up email will be sent to all life members to remind them of event.
- 10.3 Women In Engineering – no report.

**11 Chapter Reports**

- 11.1 Antennas & Propagation/Microwave Theory & Techniques - no report
- 11.2 Communications/Signal Processing/Oceanic Engineering – no report.
- 11.3 Computer – Steven Woodhouse reported on difficulties gain permissions to modify chapter web site. To contact IEEE Member Services.
- 11.4 Education – no report.
- 11.5 EMBS –, no report.
- 11.6 LEOS and Circuits and Systems/Solid State Circuits combined chapter – Graham Town provided email report. He mentioned that the Chapter is supporting bid for ISCAS 2013 being run by Prof Jack Singh at Latrobe. In the process of organising a CAS lecturer for August. He is seeking someone to take over Chair duties between June – December 2009. Chairman to look in alternate arrangements.
- 11.7 Power Electronics/Industrial Applications/Industrial Electronics - no report.
- 11.8 Power and Energy Society – John Robinson reported that Marco Migliaro to help locate a Distinguished Lecturer to visit Australia in October as plenary speaker. Tony Irwin from ANSTO is backup option. The main thrust is on the future of nuclear power in Australia.

The Chairs are reminded to provide a summary report a week before every meeting.

**12 Meetings and Conferences**

IEEE 125 year Anniversary Conference – The Crown Plaza – Darling Harbour venue was accepted. The Committee confirmed the 125 Conference going ahead on 7th August, 2009 and acknowledged the effort of Eddie and John. David Burger is preparing Australia IEEE History (20mins); John R is working on the Video presentation. Pedro and Nuala to work with Eddie and John to finalise preparations.

Planning committee tasked to finalise who is to make presentation in lieu of David Burger: Ramutis Zakarevicius was asked by John Robinson, in case he can't do it then Graham Gwilliam has backup keynote speaker with Phil Delahunt.

RSVP must or received and monies collected receipted by the end of June. No credit card facility except EFT and Cheque/Money Order. Nuala will arrange for cheque deposit for the booking with Crowne Plaza (\$4000) for a target for 50 minimum and up to a maximum of 80.

Brian Ferguson reported that the LOC Executive has a positive meeting with the PCO. He reported that everything was in hand re budget, sponsor and exhibitor prospectus, promotional material, technical and social program. Gary Speechley and the PCO repo will be in Bremen promotion OCEANS; 10 Sydney.

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**13 Other Business**

Further to Eddie Fong emailed report, he has updated the lecture list of the joint institutions on the web site.

Optus NMC Tour on 16 April 09 was successful and a write up has been submitted for the Circuit report.

The July meeting is to be replaced with a dinner, details to be discussed in June. Discussion about the venue for the November AGM was also carried to June. There was strong preference is to have venue near transport and parking. Other options besides Parramatta and North Ryde are to be considered. For further discussion in June

**14 Next Meeting, out of Sydney Meetings and Closure.**

Meeting closed 8:35pm

Next Meeting at North Sydney TAFE 7:00pm 1<sup>st</sup> June 2009

IEEE New South Wales Section  
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Monday 1<sup>st</sup> June 2009 at 7:00pm

Northern Sydney Institute of TAFE, North Sydney College St Leonards, Library(Bldg Q)  
Seminar Room 2

**1 Welcome**

**Attendees**

David Tien (Chair)  
Kim Chin  
Pedro Harris  
Mark O'Mally  
John Robinson  
Alistair  
Graeme Gwilliam

Bruce Poon  
Nuala Ward  
Steven Woodhouse  
Eddie Fong  
Antony Zaglas  
Sara Hakami

**Apologies**

Ramutis Zakarevicius  
Karu Esselle  
Faut Acar  
Graham Town  
Vassilios Agelidis

Walter Lachs  
David Burger  
Ananda Mohan  
Iain Collins  
Ali Hellany

**Guests**

**2 Approval of Agenda**

The Agenda was confirmed.

**3 Minutes of Previous Meeting and Business Arising**

Accepted by John Robinson and seconded by Kim Chin.

**Matters Arising**

**4 Chairman's Report**

1) Chairman raised the important of having a representative from every chapter to attend Executive Committee. A reminder to be sent to chapter chairs.

**5 Chapter Officers, L31 and Officer Reporting**

Nil.

**6 Correspondence**

Emailed in Chapter Reports will be addressed on Agenda.

**7 Treasurer's Report**

7.1 Treasurer's Report

Nuala Ward provided an update of the financial situation. Received cheque from IEEE Head Office. Approved \$275.

Bruce Poon application to travel to China in July to attend a conference was approved \$1,000. Supported Kim and seconded Eddie.

International Conference on Machine Learning & Cybernetics 2009.



**IEEE New South Wales Section**  
**235th Executive Committee Meeting Minutes**

Monday 1<sup>st</sup> June 2009 at 7:00pm

Northern Sydney Institute of TAFE, North Sydney College St Leonards, Library(Bldg Q)  
Seminar Room 2

## **8 CIRCUIT Report**

- 8.1 Mark O'Mally – half the responses were received. Requested articles by the end of the 1<sup>st</sup> week of June. Asked for suggestions of topics, content and digital photos for the Circuit Report.
- 8.2 Antony undertook to get a flyer organised for Mark, must include RSVP and payment of deposit.

## **9 Committee Reports**

- 9.1 Fellow Search – Nil.
- 9.2 Membership Development – Bruce Poon reported that membership stands, see table. 35 active, 1.6% increase in May.

Active member	2221
Active member	2106
Active Life member	48
Active senior member	173
Active Graduate Student member	217
Active student member	77
Active female member	129

- 9.3 Professional Activities – Lectures pending, Gadget seminar cancelled. 10/12<sup>th</sup> lecture to fill in Details in 2009, next meeting in July. Kim to give a lecture in 2010.
- 9.4 Educational Activities – no report
- 9.5 Student Activities – meeting suggested for 3<sup>rd</sup> August at UNSW by Sara Hakami. Post competition poster. Six themes \$500 dollars. UNSW allocated \$1,200 for activities, Naula requires a tax invoice.
- 9.6 Awards and Recognition - no report
- 9.7 Nominations –Graeme Gwilliam – nominations for all positions in 2010 including Executive.
- 9.8 Historian – no report
- 9.9 Webmaster – no report

## **10 Affinity Groups**

- 10.1 GOLD Affinity Group – Sara appointed, 10<sup>th</sup> networking night.
- 10.2 Life Member Activities – John Robinson mentioned that Life Members attending the 125<sup>th</sup> Anniversary will count toward life meetings. John will write to life members about 125<sup>th</sup> celebration.
- 10.3 Women In Engineering – Kim Chin spoke about 6 special interest from UTS, has registered 129 engineers. Kim to send Mark a revised article by the end of the 1<sup>st</sup> week in June.

## **11 Chapter Reports**

- 11.1 Antennas & Propagation/Microwave Theory & Techniques - no report
- 11.2 Communications/Signal Processing/Oceanic Engineering – no report.
- 11.3 Computer – Steven Woodhouse has a meeting planned for Wednesday night. Propose events for the remainder of the year and are looking for a venue somewhere in Sydney, UTS, UNSW.
- 11.4 Education – Chair to contact Mark Lee.

**IEEE New South Wales Section**  
**235th Executive Committee Meeting Minutes**

Monday 1<sup>st</sup> June 2009 at 7:00pm

Northern Sydney Institute of TAFE, North Sydney College St Leonards, Library(Bldg Q)  
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- 11.5 EMBS –, no report.
- 11.6 LEOS and Circuits and Systems/Solid State Circuits combined chapter – no report.
- 11.7 Power Electronics/Industrial Applications/Industrial Electronics - Apology
- 11.8 Power and Energy Society – John Robinson spoke half a day seminar, greenhouse and station batteries.

The Chairs are reminded to provide a summary report a week before every meeting.

## **12 Meetings and Conferences**

IEEE 125 year Anniversary Conference – The Crown Plaza – Darling Harbour.  
The 125 Conference going ahead on 7th August, 2009. Deposit monies must be paid by 3<sup>rd</sup> week in July, \$30.  
Antony undertook to prepare flyer, Mark need it by 24<sup>th</sup> July.  
Parking close by, Valet and Wilson Parking.  
Agreed to music entertainment.

## **13 Other Business**

The July meeting is to be replaced with a dinner

## **14 Next Meeting, out of Sydney Meetings and Closure.**

Meeting closed 8:35pm

Next Meeting at:

Date:	Monday, 6 July 2009
Location:	Hilton Hotel, Sydney
Time:	6 – 7:20pm, pre-meeting drink at the Zeta Bar (level 4, Hilton Hotel) & 7:20 – 9:20pm meeting room

**IEEE New South Wales Section**  
**236<sup>th</sup> Executive Committee Meeting Minutes**  
Monday 6<sup>th</sup> July 2009 at 7:30pm  
Sydney Hilton, George St Sydney 2000

## 1 Welcome

### Attendees

David Tien (Chair)  
Kim Chin  
Karu Esselle  
Philip Ogunbona  
Graeme Gwilliam

Bruce Poon  
Nuala Ward  
Antony Zaglas  
Sara Hakami

### Apologies

Ramutis Zakarevicius  
Walter Lachs  
David Burger  
Graham Town

Steven Woodhouse  
John Robinson  
Eddie Fong  
Pedro Harris

### Guests

Errol Chopping(Industry Coordinator)

## 2 Approval of Agenda

The spelling of Nuala's name needs to be corrected. The Agenda was confirmed.

## 3 Minutes of Previous Meeting and Business Arising

- Item 1 Alistair McKewen to be shown as Guest and spelling of Iain Collings name to be corrected
- Item 7.1 Second line last sentence to read Approved \$275 for Dr Phil Watts(\$200 last year).
- Item 7.1 Add "BAS statements submitted"
- Item 7.1 Add "Cheques not presented have been cancelled"
- Item 7.1 Add "Tax rebate was received from ATO"
- Item 7.1 Add "Rebate from IEEE of about \$18k received from IEEE HQ"
- Item 9.3 Add Joint Lecture Program full for 2009 except for 10 December. Chapter Chair input required for Joint Lecture Program for 2010.
- Item 9.5 Spelling of Nuala Ward's name to be corrected. Sponsorship from IEEE NSW to \$500
- Item 10.3 First line reference to UTS should be to NSW. Need six signatures on petition to form the Affinity Group.
- Item 11.3 Add three lectures proposed(Aug/Sept/Oct)
- Item 11.7 Add visiting DL September.
- Item 12 Add four new Life Members as Guests at 125<sup>th</sup>. Bruce Poon info to John Robinson. Also Energy Australia Director General, North Sydney TAFE Campus Director, Josh Roberts.

Graeme Gwilliam moved minutes be accepted and Bruce Poon seconded. The motion was carried.

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**IEEE New South Wales Section**  
**236<sup>th</sup> Executive Committee Meeting Minutes**

Monday 6<sup>th</sup> July 2009 at 7:30pm  
Sydney Hilton, George St Sydney 2000

#### **4 Chairman's Report**

- 4.1 David Tien to prepare Invitation list for 125<sup>th</sup> Anniversary Function(suggestions as below)
  - Engineers Australia and IET
  - Department of Lands
  - Department of Energy
  - Microsoft
  - Google
  - Optus/Telstra
  - Premier/Minister
  - University Vice Chancellors, Engineering/IT Heads of School/Deans
  - Phil Dulhunty
  - Committee to provide suggestions/input
- 4.2 Invitations out by end of week and RSVP 17th July
- 4.3 Contributions of \$30 per person, including committee and spouse, to be sent to David Tien.
- 4.4 Proposed a couple of conferences on Signal Processing/Remote Sensing free of charge to NSW Members for this and next year.

#### **5 Chapter Officers, L31 and Officer Reporting**

Some discussion on revised Contacts List by David Tien and attendance of meetings.  
Suggestion of say:

- Core members 80%
- Chapter Chairs 50%/Report
- Extended Committee 2 to 4 meetings

#### **6 Correspondence**

Email of AC regarding Conference ranking discussed. Graeme Gwilliam provided background and broadly explained history.

- 6.1 Federal Government is creating a Conference Ranking system for RA initiative. The Australia Council has formed a small sub-committee to assess implications and provide input to Government. Graeme Gwilliam to provide list of Sub-Committee members.
- 6.2 IEEE participation(for and against) for such a sub-committee was discussed and there was general consensus that it was important to participate but there are problems with gaining approval from IEEE HQ, impinging on local institution areas of influence, legal issues and the complexity of the issues. Further there are various systems for ranking Journals and the relative ranking of Journals versus Conferences, publication in Journals being considered more important. UNSW counted only Journals not Conferences. Journals carried more Citations than Conferences.
- 6.3 It was decided that David Tien attend the next Australia Council meeting, raise the matter, express the NSW Section concerns and obtain an explanation of what is being proposed, structure and what input the Sections will have(Voting)

**IEEE New South Wales Section**  
**236<sup>th</sup> Executive Committee Meeting Minutes**

Monday 6<sup>th</sup> July 2009 at 7:30pm  
Sydney Hilton, George St Sydney 2000

**7 Treasurer's Report**

7.1 Treasurer's Report

Nuala Ward provided an update of the financial situation.

- Expenses to date about \$9k
- Income to date about \$19k
- Minor matters sorted out

**8 CIRCUIT Report**

8.1 Circuit out on time and included Nominations request.

**9 Committee Reports**

9.1 Fellow Search – Nil.

9.2 Membership Development – Bruce Poon tabled Membership statistics for June 2009. Report is appended to minutes.

9.3 Nominations – Graeme Gwilliam – nominations for all positions in 2010 including Executive were called for in July 2009 Circuit.

9.4 Professional Activities – No Report.

9.5 Educational Activities – Deferred to August Meeting

9.6 Student Activities – No Report.

9.7 Awards and Recognition - No Report

9.8 Historian – No Report

9.9 Webmaster – No Report

**10 Affinity Groups**

10.1 GOLD Affinity Group – Sara Hakami – Kim Chin to give lecture on 10 December 2009 and it can be a GOLD Function. Kim to contact Eddie Fong with details and confirmation. Flyer should be provided two months prior to lecture

10.2 Life Member Activities – John Robinson – 125<sup>th</sup> Dinner will be Listed as a Life Members Function.

10.3 Women In Engineering – Kim Chin – there should be no impediments to forming the WIE Affinity Group as only six signatures are required for the petition. Kim Chin will proceed but would like to hold a meeting with of the interested parties to initiate the group.

**11 Chapter Reports**

11.1 Antennas & Propagation/Microwave Theory & Techniques – Karu Esselle – There will be a chapter chairs meeting in Boston. Lecturers to give five talks later this year (Not part of JLT) and details will be sent to David Tien/Eddie Fong.

11.2 Communications/Signal Processing/Oceanic Engineering – no report. John Robinson provided a report of Oceans 2010 Conference meeting he attended and this is appended to the minutes.

11.3 Computer – Steven Woodhouse – No Report (venue for proposed Lectures SMSA - after meeting)

11.4 Education – No Report.

11.5 EMBS – No Report.

11.6 LEOS and Circuits and Systems/Solid State Circuits – No Report.

11.7 Power Electronics/Industrial Applications/Industrial Electronics – No Report

11.8 Power and Energy Society – John Robinson provided a written report and is appended to minutes.

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**IEEE New South Wales Section**  
**236<sup>th</sup> Executive Committee Meeting Minutes**  
Monday 6<sup>th</sup> July 2009 at 7:30pm  
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**12 Meetings and Conferences**

IEEE 125 year Anniversary Conference – The Crown Plaza – Darling Harbour.  
Antony Zaglas to email committee regarding invitation proposed list. Bruce Poon has already sent a suggestion list to David Tien.

**13 Other Business**

- Antony Zaglas to Check for IEEE activities on 2<sup>nd</sup> October 2009(IET).
- Many thanks to David Tien and Josh Roberts for arranging refreshments and meeting at the Sydney Hilton.

**14 Next Meeting, out of Sydney Meetings and Closure.**

Meeting closed 9:45pm

Next Meeting at:

Date: 7:00pm, Monday, 3 August 2009

Location: UNSW Campus, Kensington Sydney(Please advise if parking permits are required ASAP)

IEEE New South Wales Section  
240<sup>th</sup> Executive Committee Meeting Minutes

Monday 2<sup>nd</sup> November 2009 at 7:00pm

Northern Sydney Institute of TAFE, North Sydney College St Leonards, Library(Bldg Q)  
Seminar Room 3

**Welcome**

**Attendees**

David Tien(Chair)

Bruce Poon

Ali Hellany

Mark O'Mally

Sara Hakami

Antony Zaglas

Walter Lachs

Vassilios Agelidis

Mohamad Nassereddine

**Apologies**

Eddie Fong

Pedro Harris

John Robinson

Graham Town

Karu Esselle

Nuala Ward

Ramutis Zakarevicius

Graeme Gwilliam

Steven Woodhouse

**1 Approval of Agenda**

1.1 Agenda prepared by David Tien.

1.2 Staring of items 4, 6, 7, 8.5 & 9.1.

**2 Minutes of Previous Meeting and Business Arising**

Minutes of October Meeting are to be circulated by email and confirmed/corrected by reply.

**3 Business Arising**

Refer item 2 above.

**4 Chairman's Report**

AGM Info to Mark O'Mally ASAP BY David Tien.

David Tien advised that the Computer Chapter have sponsors for the AGM.

One amendment to MOU with Siberian Section proposed at October meeting by Graeme Gwilliam otherwise there was agreement in principle.

NSW Section to apply to host R10 Meeting in 2011. No monetary contribution from Section. Agreement in Principle.

TenCON booked out for three years and is quite profitable.

David Tien and Eddie Fong to pursue above two matters and report at next meeting.

**5 Correspondence**

No correspondence

**6 Treasurer's Report**

Treasurer's Report submitted by email and is appended:

1. *Need to approve the payment of a \$200 AUD honorarium to Prof Bose. The current expense claims for his visit are just under \$800 including this honorarium. I am happy to support this claim as the expenses are within the budget for this visit, but we will be setting a precedent if we do this. I am not sure what we have done in previous years.*
2. *Prof Bose would like to be paid a USD cheque. I have investigated this with the bank. Probably the best & quickest way to do this is to do an international money transfer. This will cost us 28 AUD, but*

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**IEEE New South Wales Section**  
**240<sup>th</sup> Executive Committee Meeting Minutes**

Monday 2<sup>nd</sup> November 2009 at 7:00pm

Northern Sydney Institute of TAFE, North Sydney College St Leonards, Library(Bldg Q)  
Seminar Room 3

*it will be faster than getting a USD bank cheque which Prof Bose would then need to wait 4 weeks to clear. Faz – can you please request Prof Bose to provide his bank details. I will need an IBAN (international bank account number). David/Eddie/Pedro – I'll need to draft up a letter and get someone to countersign it so I can get this processed by the bank. Faz – once we have the details we can get this sorted out. I did try ringing you back today a few times, but didn't get any answer*

3. *Graham Town has a CAS DL visiting in December (see attached email), he has requested whether we can pre-pay the hotel or claim the expenses. I am happy for either option. It may be simpler for the local host to pay and then claim from us directly, otherwise we will need to do international money transfer again. I am not sure on the feasibility of pre-paying the hotel by cheque, normally this isn't possible*
4. *There are 4 awards to be made to USydney IEEE paper competition. I need confirmation on the names of the winners in order to send Alistair the cheques. Ali is following up on this. We need to understand the proposed costs for the AGM/function. I haven't seen any proposal as yet.*

- Vassilios Agelidis Moved that Expenses for Prof Bose be approved and David Tien seconded the motion. Prof. Bose Expenses were approved. Nuala Ward to try to make payment by Electronic Funds Transfer Alternatively International Bank Draft.
- CAS DL-All rebates to be claim based by local host. Nuala to liaise with Graham Town and advise.

## 7 CIRCUIT Report

AGM will be at the Hilton on 27 November 2009. David Tien to send AGM article and information to Mark O'Mally ASAP.

David Tien to send Chairman's Report to Mark O'Mally ASAP.

Concept Management are happy to sponsor AGM. David Tien to consider/decide on offer and advise.

Invite Industry Groups- suggestions to David Tien.

Contributions to Nuala Ward- Direct Deposit and by cheque.

## 8 Committee Reports

8.1 Fellow Search(*Walter Lachs*) – Nothing to report.

8.2 Membership Development(*Bruce Poon*) - emailed Membership statistics for October 2009.

*Overall membership increases as compare to last month's record.*

- a) *Active members from 2,443 to 2,466, an minor increase of 23 members ( 1% ).*
- b) *Life members remain the same but senior members & fellows increase from 175 to 177.*
- c) *An increase in graduate student & student members from 301 ( 184 + 117 ) to 322 ( 198 & 124 ).*
- d) *Female engineer from 146 to 148, an increase of 2 members ( 1.4% ).*
- e) *Overall student membership in those universities with student branches has increased from 213 to 236, an increase of 23 members ( 10.8% )*
- f) *Overall societies' membership has increased from 1,652 to 1,673, an increase of 21 members ( 1.3% ).*
- g) *Nil senior membership enquiry.*

8.3 Professional Activities(*Eddie Fong*) – No Report.

8.4 Educational Activities(*Kim Chin*)-No report.

8.5 Student Activities(*Ali Hellany*)

- Ali Hellany proposed 200 free Student Memberships be offered in 2010. Walter Lachs moved motion be put for the 200 free Student memberships and Vassilios Agelidis seconded. The motion was passed. Item to be included in November Circuit.



**IEEE New South Wales Section**  
**240<sup>th</sup> Executive Committee Meeting Minutes**

Monday 2<sup>nd</sup> November 2009 at 7:00pm

Northern Sydney Institute of TAFE, North Sydney College St Leonards, Library(Bldg Q)  
Seminar Room 3

- Only two universities responded to the Student Paper contest, Sydney and UWS. Ali Hellany to check if winners can be announced at 2009 AGM. Need to order certificates from HQ. Also one year's free student membership to winners.
  - There was a discussion about the exclusion of previously published papers and it was agreed to consider removing this condition after some experience and possibly limiting papers to current year.
  - Ali Hellany to check Student Branch financing by HQ and advise.
- 8.6 Awards and Recognition(*Ramutis Zakarevicius*) – Outstanding Volunteer award for Walter Lachs submitted. Graeme Gwilliam and John Robinson nomination will not proceed.
- 8.7 Nominations(*Graeme Gwilliam*) – Nothing further to report.
- 8.8 Historian(*David Burger*)- No Report.
- 8.9 Webmaster(*Fuat Acar*) – No Report.

## **9 Affinity Groups**

- 9.1 GOLD Affinity Group(*Sara Hakami*) handing over to Mohamad Nassereddine in 2010.
- Bruce Poon to check access to SAMIEEE for Ali Hellany and Sara/Mohamad. Sara Hakami to send numbers for attendance at GOLD functions to Tony Zaglas for lodgement of L31 forms
  - First 2010 GOLD function to be held at UWS in February and second at USydney in April. Prof Agelidis indicated that the Lab auditorium with a seated capacity of 38 was available for the function(s).
- 9.2 Life Member Activities(*John Robinson*) – Two events have been held.
- 9.3 Women In Engineering(*Kim Chin*) – No report on Affinity Group formation.

## **10 Chapter Reports**

- 10.1 Antennas & Propagation/Microwave Theory & Techniques – No Report. Two lectures held.
- 10.2 Communications/Signal Processing/Oceanic Engineering – No Report. Two lectures by Iain Collings this year. Need to lodge L31 Forms.
- 10.3 Computer – No Report. Check progress re lectures.
- 10.4 Education – No Report.
- 10.5 EMBS – No Report.
- 10.6 LEOS and Circuits and Systems/Solid State Circuits – Distinguished Lecturer visit-need to lodge L31 forms.
- 10.7 Power Electronics/Industrial Applications/Industrial Electronics –lecture by Prof Bose at UNSW. Need to lodge L31 forms.
- 10.8 Power and Energy Society – Prof Vassilios Agelidis will run for 2010 chair. He attended the two day PES Chairs meet in Kuala Lumpur in place of John Robinson. There will be a US\$200 contribution required from the Section.

IEEE New South Wales Section  
**240<sup>th</sup> Executive Committee Meeting Minutes**

Monday 2<sup>nd</sup> November 2009 at 7:00pm

Northern Sydney Institute of TAFE, North Sydney College St Leonards, Library(Bldg Q)  
Seminar Room 3

**11 Meetings and Conferences**

- 11.1 AGM will be on 27<sup>th</sup> November 2009 at the Sydney Hilton. David Tien to advise details ASAP.
- 11.2 AGM Sponsorship details to be advised by David Tien.
- 11.3 AGM Suggested Guests to David Tien ASAP.

**12 Other Business**

- 12.1 No other business.

**13 Urgent Business**

- 13.1 Refer item 1.1 above.

**14 Next Meeting and Closure.**

Meeting closed 8:25pm.

Next Meeting at:

Date: 7:00pm, Monday, 1 February 2010  
Location: To be advised(2010 Secretary check availability and book room)

# IEEE NSW SECTION 24<sup>th</sup> ANNUAL GENERAL MEETING

Friday 27 November 2009

Sydney Hilton, 488 George St Sydney, NSW 2000

## MINUTES OF MEETING

1. Welcome by Chairman
  - 1.1. The meeting was declared open at 7:10pm by the Chairman David Tien who also gave the welcome address.
  
2. Attendance and Apologies
  - 2.1. Present
    - David Tien(Chair)
    - Eddie Fong(Vice chair/Professional Activities)
    - Nuala Ward(Treasurer)
    - Graeme Gwilliam(Nominations)
    - Bruce Poon((Membership)
    - Ramutis Zakarevicius(Awards)
    - John Robinson(PES Chair/Life Members)
    - Karu Esselle(AP/MTT)
    - Mark O'Mally(Circuit)
    - Errol Chopping(Industry Relations)
    - Kim Chin(Educational Activities)
    - Antony Zaglas(Committee Member)
    - Vassilios Agelidis
    - Ian Boyd
    - Stephanie Boyd
    - Trevor Blackburn
    - Alexander Peniazev
    - Colin Elston
    - Jesse Jin
    - Daniele Candotti
    - Robyn Collins
    - Harrey Holmes
    - Ozgur Isik
    - Ryan Walker
    - Jeff Li
    - Eric Khu
    - Theng-Wei Loke
    - M. Arif Khan
    - Yogeshwar Ranga

Guests

    - Prof Valeriya Gribova
    - Prof Evgeny Nurminskiy
    - Graham Lee
  
  - 2.2. Apologies
    - Walter Lachs(Fellow Search)
    - Sara Hakami(GOLD/Chair UNSW Student Branch)
    - Ali Hellany(Student Activities)

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16 January 2010

# IEEE NSW SECTION 24<sup>th</sup> ANNUAL GENERAL MEETING

Friday 27 November 2009

Sydney Hilton, 488 George St Sydney, NSW 2000

## MINUTES OF MEETING

Graham Town(Chair LEOS/SSC/CS)

Faz Rahman(Chair IA/IE/PE)

Fuat Acar(Webmaster)

Vic Morgan

Vic Gosbell

Alex Baitch

3. Minutes of 2008(23<sup>rd</sup>) AGM
  - 3.1. Kim Chin to be added to apologies.
  - 3.2. John Robinson moved that the minutes of the 2008 AGM be accepted and Ramutis Zakarevicius seconded the motion. The minutes were accepted by the members subject to above amendment.
  - 3.3. There was no Business Arising from 2008 AGM Minutes
4. Awards
  - 4.1. Ramutis Zakarevicius advised that a decision on Walter Lachs nomination for Outstanding Volunteer Award is expected in December. Announcement/presentation at 2010 AGM with article in March Circuit.  
NOTE: Shortly after the AGM it has been announced that the nomination of Walter Lachs for the outstanding Volunteer Award was successful and that the certificate will be posted to the NSW Section.
5. Chairman's Report
  - 5.1. David Tien presented the Chairman's report.
  - 5.2. Free Student Memberships in 2010 to be offered by NSW Section
  - 5.3. There have been approaches from Industry groups regarding student employment
  - 5.4. Continuing Education committee to be formed offering training courses
  - 5.5. Department of Lands has expressed an interested in GIS Training courses. IEEE % of profit.
  - 5.6. David Tien and Errol Chopping signed a MOU with Russian Academy of Sciences. This followed a request by the Director of Region 8 for closer co-operation and Joint events.
  - 5.7. Two professors are visiting Australia from Russian Academy of Science and members will have an opportunity to meet them after the AGM during Networking 2009.
  - 5.8. It is planned to Run a joint event with the sister organisation in 2010
  - 5.9. Publishing at universities no longer enough-need research funding, ARC applications

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# IEEE NSW SECTION 24<sup>th</sup> ANNUAL GENERAL MEETING

Friday 27 November 2009

Sydney Hilton, 488 George St Sydney, NSW 2000

## MINUTES OF MEETING

- 5.10. The Chairs Report to be appended to minutes and published on NSW web site with link emailed to AGM attendees by David Tien
  - 5.11. Graeme Gwilliam moved that the report be received and Kim Chin seconded the motion. The motion was passed.
6. Treasurer's Report
- 6.1. Printed copies of the Treasurer's report were made available and are appended to these minutes.
  - 6.2. Nuala Ward summarised the 2009 Treasurer's report. The interim L50 report was circulated to the committee and is available to anyone on request.
  - 6.3. Income for 2009 is about \$24,000 and expenditure to date about \$20,000.
  - 6.4. Major expenditure included 125 Anniversary dinner at the Crowne Plaza and \$3000 travel expenses.
  - 6.5. Other expenditures included Engineering Week \$1150, Joint Lecture Programme \$1650, UNSW Poster Competition \$500, Student Paper Contest(only UWS and Sydney Uni have taken up offer) and chapter funding.
  - 6.6. The expenses of the AGM and Dinner as well as some Distinguished Lecturer expenses must be added to item 6.3 above.
  - 6.7. Nuala Ward is talking to the Commonwealth Bank regarding no interest credited on Transaction Account.
  - 6.8. Online Savings Account earned about \$4000 in compound interest.
  - 6.9. 2010 Treasurer to look at Term Deposit next year. Also CBA PERLS 6% interest(varies with RBA rates)
  - 6.10. Reporting to Tax Office and GST are up to date.
  - 6.11. Final 2009 Treasurer's report should be ready in January.
  - 6.12. Transaction and Investment accounts show healthy balances.
  - 6.13. In a response to Graeme Gwilliam Nuala Ward informed the meeting that the Accrual System of accounting was used for the L50 form.
  - 6.14. Kim Chin moved that the report be received and Dan Candotti seconded the motion. The motion was passed.
7. Chapter Reports
- 7.1. Karu Esselle(AP/MTT)
    - 7.1.1. Karu Esselle advised the meeting that there were four lectures and L31 forms to be submitted
    - 7.1.2. Chapter Report is attached
    - 7.1.3. There will be another lecture on 18<sup>th</sup> December

# IEEE NSW SECTION 24<sup>th</sup> ANNUAL GENERAL MEETING

Friday 27 November 2009

Sydney Hilton, 488 George St Sydney, NSW 2000

## MINUTES OF MEETING

- 7.1.4. First CST Australian User Group meeting held in September – planning to interact with CST UG and post graduate students
  - 7.2. John Robinson(PES)
    - 7.2.1. Lecture in March by Vassilios Agelidis
    - 7.2.2. Lecture and Workshop by Saifur Rahman DL at Energy Australia Theatre with about 100 in attendance
    - 7.2.3. Lectures are posted on Virginia Tech portal
    - 7.2.4. Site visit to Sydney University lab on 25 February 2010
  - 7.3. John Robinson(LM)
    - 7.3.1. Dr Phil Watts lecture at Energy Australia Theatre was well attended
    - 7.3.2. He 125<sup>th</sup> Anniversary function at Crowne Plaza Sydney was attended by about 60 members and guests.
    - 7.3.3. Report is attached
  - 7.4. Macquarie University Student Branch
    - 7.4.1. M. Arif Khan indicated that there were five meetings held some in conjunction with AP/MTT. Report is attached.
    - 7.4.2. First CST Australian User Group meeting held in September jointly organised by CST and IEEE Macquarie Student Branch
  - 7.5. Graeme Gwilliam moved motion that reports be received and Bruce Poon seconded. The meeting voted to accept the reports
8. Other Business
- 8.1. Graeme Gwilliam informed the meeting that a report was published about community understanding of What Is an Engineer by the Warren Committee of the University of Sydney. The report is available for purchase for \$15 or \$16 and it would be a good idea to get a copy for the Section. Vassilios Agelidis advised that this is a five year project and was almost like a standard of 60-70 pages. Areas such as risk management, approach to expertise and responsibility were addressed. Vassilios Agelidis can provide a copy to David Tien for perusal by Section Officers.
9. Election of Executive Officers for 2009
- 9.1. Graeme Gwilliam, Chair Nominations, assumed the chair and explained the nominations process and Nominations Chair Duties.
  - 9.2. Graeme Gwilliam advised the meeting that Nuala Ward and Pedro Harris were stepping down as Section Treasurer and Secretary respectively.

# IEEE NSW SECTION 24<sup>th</sup> ANNUAL GENERAL MEETING

Friday 27 November 2009

Sydney Hilton, 488 George St Sydney, NSW 2000

## MINUTES OF MEETING

- 9.3. Graeme Gwilliam advised that eligible officers of the committee had expressed an interest in staying. Ian Boyd was to be added to those nominated for 2010 committee.
- 9.4. Graeme Gwilliam called for additional nominations and there being no further nominations asked the motion be put to the meeting. Karu Esselle moved that nominations be accepted and Eddy Fong seconded the motion.

- 9.5. Nominations

Section Chair: Nomination - David Tien

Section Vice Chair: Nomination – Eddie Fong

Section Secretary: Nomination – Iain Collings

Section Treasurer: Nomination – Ian Boyd

There being no other nominations the positions of Chairman, Vice Chairman, Secretary and Treasurer were declared elected unopposed, by Graeme Gwilliam. Graeme Gwilliam congratulated the winners and handed the chair back to David Tien.

10. Other Business

- 10.1. Ian Boyd was introduced to the meeting.

11. Meeting Closure

- 11.1. David Tien thanked the committee and everyone for their attendance and welcomed Profs Valeriya Gribova and Evgeny Nurminskiy from the Russian Academy of Science.
- 11.2. David Tien declared the meeting closed at 8:10pm.

Antony Zaglas

For the IEEE NSW Section Secretary 2009

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**REGION 10**

**Beijing Section**

**Prof Wen Gao**

Peking University  
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Beijing, 100080, China  
wgao@pku.edu.cn

*for contributions to object-based video representation and scalable video coding technologies and standards*

**Dr Stan Li**

Chinese Academy of Sciences  
Institute of Automation  
National Laboratory for Pattern Recognition  
Beijing, 100080, China  
szli@cbsr.ia.ac.cn

*for contributions to face recognition, pattern recognition and computer vision*

**Prof Zhiping Yu**

Tsinghua University  
Institute of Microelectronics  
Beijing, 100084, China  
yuzhip@tsinghua.edu.cn

*for contributions to modeling and simulation of advanced semiconductor devices*

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### REGION 10

#### Daejeon Section

**Prof Jong-Hwan Kim**

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johkim@rit.kaist.ac.kr

*for contributions to evolutionary algorithms*

**Prof Chong Kyung**

Korea Advanced Institute of Science and Technology (KAIST)

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Kuseong-Dong, Yuseong-Gu

Daejeon, 305-701, Korea

kyung@ee.kaist.ac.kr

*for contributions to system on chip processors*

**Prof Ickho Song**

Korea Advanced Institute of Science and Technology (KAIST)

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i.song@ieee.org

*for application of signal detection theory to vehicular communication systems*

---

### REGION 10

#### Fukuoka Section

**Prof Takeshi Yamakawa**

Kyushu Institute of Technology

Department of Brain Science and Engineering

Graduate School of Life Science and Systems Engineering

2-4 Hibikino, Kitakyushu, Fukuoka, 808-0196, Japan

Yamakawa@brain.kyutech.ac.jp

*for contributions in hardware implementation of fuzzy logic and other soft computing systems*

---

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**REGION 10**

**Hong Kong Section**

**Prof Gang (Gary) Feng**

City University of Hong Kong

Dept. of MEEM

Kowloon

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megfeng@cityu.edu.hk

*for contributions to theory and application of fuzzy systems and control*

**Prof Yun-hui Liu**

Chinese University of Hong Kong

Dept. of Mechanical and Automation Engineering

Faculty of Engineering

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*for contributions to robotic multi-fingered grasping and adaptive visual servo systems*

**Prof Kim Man**

City University of Hong Kong

Electronic Engineering Department

Room: G6353

Hong Kong, China

eekman@cityu.edu.hk

*for contributions to evolutionary optimization in industrial electronics*

**Prof Ross Murch**

Hong Kong University of Science and Technology

Department of Electronic and Computer Engineering

Kowloon, Clear Water Bay, Hong Kong

eermurch@ust.hk

*for contributions to multiple antenna systems for wireless communications*

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**REGION 10**

**Hong Kong Section**

**Prof Xiaoou Tang**

Chinese University of Hong Kong  
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Shatin, Hong Kong  
xtang@ie.cuhk.edu.hk

*for contributions to pattern recognition and video processing*

**Prof Qiang Yang**

Hong Kong University of Science and Technology  
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Clear Water Bay , Kowloon, Hong Kong, 0, China  
qyang@cse.ust.hk

*for contributions to understanding and application of intelligent planning, learning and data mining*

**Prof Qi Tu Zhang**

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Department of Electronic Engineering  
Tat Chee Avenue, Kowloon  
Kowloon, Hong Kong  
eekzhang@cityu.edu.hk

*for contributions to wireless communications systems*

**Dr David Zhang**

The Hong Kong Polytechnic University  
Department of Computing  
Kowloon  
Hung Hom, Kowloon, Hong Kong  
csdzhang@comp.polyu.edu.hk

*for contributions to biometric identification and systems*

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### REGION 10

#### Kansai Section

**Dr Michio Kadota**

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kadota@murata.co.jp

*for contributions to surface acoustic wave devices*

**Prof Shinichi Tamura**

Osaka University

10-1-16 Uegahara

Nishinomiya, Hyogo-ken, 662-0884, Japan

tamuras@image.med.osaka-u.ac.jp

*for contributions to pattern recognition and image analysis*

---

### REGION 10

#### Madras Section

**Prof Ashok Jhunjunwala**

Indian Institute of Technology, Chennai

Dept. of Electrical Engineering

Chennai, Tamil Nadu, 600036, India

ashok@tenet.res.in

*for leadership in development of cost-effective telecommunications in remote areas*

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### REGION 10

#### Nagoya Section

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Hamamatsu, Shizuoka, 432-8011, Japan

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*for contributions to sensor interfacing, sensor signal processing and multiple-level signaling*

**Prof Takashi Mizutani**

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Graduate School of Engineering

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Nagoya, 464-8603, Japan

tmizu@ieee.org

*for contributions to device physics, nanostructures and heterostructure devices*

---

### REGION 10

#### New South Wales Section

**Prof Stuart Wenham**

ARC Photovoltaics Centre of Excellence

University of New South Wales

School of Photovoltaic & Renewable Energy Eng., EE Bldg.

Sydney, NSW, 2052, Australia

s.wenham@unsw.edu.au

*for contributions to solar cell technology*

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## **REGION 10**

### **Sendai Section**

**Prof Satoshi Tadokoro**

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tadokoro@rm.is.tohoku.ac.jp

*for leadership in the development and deployment of rescue robotics*

---

## **REGION 10**

### **Seoul Section**

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*for contributions to microwave remote sensing of soil moisture and surface roughness*

---

## **REGION 10**

### **Singapore Section**

**Dr Dim-Lee Kwong**

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Singapore, 117685, Singapore

kwongdl@ime.a-star.edu.sg

*for contributions to silicon technology and leadership in directing microelectronics research*

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*for contributions to the design of low-power high-performance digital filters*

**Prof Beng Chin Ooi**

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Department of Computer Science  
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ooibc@comp.nus.edu.sg  
*for leadership in data management technology*

---

### **REGION 10**

#### **South Australia Section**

**Prof Yuri Abramovich**

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Edinburgh, SA, 5111, Australia  
yuri.abramovich@dsto.defence.gov.au  
*for contributions to adaptive signal processing for detection and estimation in radar arrays*

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### REGION 10

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*for contributions to gallium nitride-based optoelectronic and electronic devices*

---

### REGION 10

#### Taipei Section

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*for leadership in the broadband wireless communications industry*

**Dr Shen-Li Fu**

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*for contributions to electronic packaging research and education*

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*for contributions to mobile computing and parallel processing*



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*for contributions to high resolution medical microscopy and nano ultrasonic imaging*

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*for leadership in information and communication education*

---

### REGION 10

#### Tokyo Section

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*for development of multichip module and high density substrate technologies*

**Prof Kazuhito Furuya**

Tokyo Institute of Technology  
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*for contributions to optical fibers, semiconductor lasers and electron wave devices*

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### REGION 10

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*for contributions to submarine seismic technology*

**Prof Masayuki Sato**

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*for development of high voltage pulsed plasma in water*

**Dr Kensuke Sekihara**

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*for contributions to electromagnetic brain imaging*

**Mr Takeshi Taneichi**

Tokyo Electric Power Company  
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*for leadership in developing and applying advanced power generation and transmission technology*

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### REGION 10

#### Tokyo Section

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*for contributions to radio-frequency identification technology*

**Prof Toshiaki Yamamoto**

Musashi Institute of Technology

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Setagaya-ku, Tokyo, 156-8557, Japan

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*for contributions to pollution and contamination control*

**Prof Ryuichi Yokoyama**

Waseda University

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Tokyo, 169-0051, Japan

yokoyama-ryuichi@waseda.jp

*for leadership in electrical power system management*

---

### REGION 10

#### Victorian Section

**Prof Arthur Lowery**

Monash University

Dept. Electrical & Computer Systems Eng.

Wellington Road

Clayton, Victoria, 3101, Australia

arthur.lowery@eng.monash.edu.au

*for leadership in computer modeling of optical communication systems*

---

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**REGION 10**

**Xian Section**

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School of Electrical Engineering

Xilin, Shaanxi, 710049, China

xfwang@mail.xjtu.edu.cn

*for contributions to power system planning and power engineering education*

---

## Message from Chairman

During the AGM of 2008 I was honoured to be elected as the Chairman of IEEE NSW Section and would like to take this opportunity to enhance the service to all of our members. Before elected into this position, I have work with IEEE for over 20 years and served as Chairman and vice-Chair in several countries in Asia Pacific.

One of the main purposes of IEEE is to provide a platform for academics and engineers in all tertiary institution, government agencies and industry to meet, exchange ideas, and establish professional networks. I believe that in order to achieve the recognition we deserve, engineers, computer scientists, IT professionals and academics have to go beyond narrowly defined subject areas and constantly acquire a global technical and social perspective.

Currently there are over two thousand members in NSW and many would like to see enhanced service and benefits for members. As the Chairman of IEEE NSW, I am committed to set up structures which serve all IEEE members. The following initiatives are being pursued:

### *Industry and Government Liaison Initiative*

Most of our members are working in industry and efforts have been undertaken by IEEE NSW to serve our members working in industry and gain government and industry support for education and research activities. The outcomes of these activities has been positive and resulted in the willingness from government agencies and industry to provide expertise, assistance and sponsorship for our future activities.

### *ARC Linkage Liaison Committee*

The Australian Research Council (ARC) funds research and researchers under the National Competitive Grants Program (NCGP) and the ARC's Linkage scheme funds research conducted by researchers at higher education organisations with businesses, community organisations and/or government organisations. The scheme requires a relatively small cash commitment from industry partners. However, researchers at universities find it difficult clearly identify the needs of industry and government agencies, and at the same time, some industry partners are unaware the fact that the cash funding by the government can assist them to hire high quality researchers to work on their projects. To solve this problem, an *ARC Linkage Liaison Committee* is established to match university researchers get initial cash injections from industry and government partners.

After the establishment of the ARC Linkage Liaison Committee, several ARC (the Australian Research Council) relationships have been established between universities and industry which has enabled university researchers to get initial cash injections from industry and government. A number of ARC Linkage applications are going to be submitted in the next few weeks.

### *Continuing Education IT Accreditation Initiative*

Efforts are being made by the IEEE NSW to set up a Continuing Education Committee to bring experts from industry and academia to offer technical courses to general public.

*MOU Signing – sister relationship between IEEE NSW and IEEE Russian Siberian Section*

To encourage the exchange and dissemination of technical information, provide service to electrical engineers in NSW and Russian Siberian Section, promote understanding and cooperation between their respective members, a Memorandum of Understanding and Sister Relationship Agreement between IEEE Russia Siberian Section and IEEE NSW Section on Collaboration was signed on Monday, 14 September 2009 in Vladivostok, Russian Federation. The agreement was signed between myself and Associate Professor Alexander Gridchin.

There are many similarities between Russian Far East and Australia. Vladivostok and NSW share the same time zone and both Australia and the Russian Far East have a strong European tradition.

The initiative to cement a partnership between IEEE NSW and IEEE Russian Far East has received support from the Australian Ambassador to Russian Federation, Ms Margaret Twomey, who was touring Vladivostok during the time of MOU signing, and from Consul-General of the Russian Federation in Sydney, Dr. Tatiana M. Grushko. Two Professors from the Russian Academy of Sciences will visit Australia this month and attend our NETWORK 2009.



MOU signing between Dr David Tien, Chairman of IEEE NSW, and Associate Professor Alexander Gridchin, Vice-Chairman of IEEE Russian Siberian Section.



Meeting in Vladivostok with Australian Ambassador to Russia, Ms Margaret Twomey (2<sup>nd</sup> right), and First Secretary, Sue Burgess (right).

*Student Job Service*

Student Job Service is being set up to match the industry demand with the requests of our current and fresh university graduates. The Committee will be contacted by government and industry Human Resources Departments who do the regular recruitment. The job vacancies will then be sent to our IEEE student members in NSW.

David Tien (Ph.D)  
Chairman  
IEEE NSW  
Office phone: (02)6338 4862  
Mobile: 04 05 212 291  
Email: dtien@csu.edu.au

**IEEE NSW Section Treasurer Report**  
**November 2009**  
**Nuala Ward – IEEE NSW Section Treasurer**

**Summary**

The following table shows the income and expenditure for the calendar year 2009. It also shows the 2009 budget as approved by the committee and 2008 Actuals for comparison.

	2009 Actual	2009 Budget	2008 Actual
Income	\$24,430.33	\$22,782.44	\$37,310.15
Expenditure	\$19,827.10	\$40,275.50	\$35,466.88

The income for the year was up slightly on budget. We received income from IEEE Headquarters to run the Section's operations. This year we received \$18343.21. In addition, the ComSoc and CAS/SSC each obtained additional section subsidies of \$500USD and \$600 USD respectively. Income from interest on our savings was down this year, still resulting in \$4,084.33 of interest on our savings account.

The section has been able to secure sponsorship for the AGM/Network 2009 Dinner, this is not included in the accounts above.

The expenditure was also down against budget and 2008. This was largely due to the section being able to secure sponsorship for the AGM/Network 2009 Dinner, and a number of initiatives not occurring during 2009 that were budgetted for.

The IEEE 125 year anniversary was a key event during the year, and we incurred expenditure of \$7621.50 for this event. Other key expenses include funding for IEEE lectures held by the various chapters and the joint institutions lecture series (\$16500. We also sponsored Engineering Week 2009 for \$1100.

Our travel expenses were considerably lower as compared with 2008, at \$3015.60. The Section sponsored student paper competitions within the universities with the aim of increasing the profile of the IEEE. This was taken up by UWS and University of Sydney. At UNSW, we sponsored an award for the student poster competition. The section did not provide subsidy for any student memberships this year, although this is planned for 2010.

The section is now up to date with GST reporting to the ATO, and all outstanding payments from previous years have now been received.

The account balances at the bank are currently:

Business Transaction account: \$31,736.79

Business Online Saver account: \$135,795.80

A draft L50 report is attached to this report. This will be finalised and submitted to IEEE Headquarters early in the New Year.



# IEEE NSW Website Report

Prepared by Fuat Acar - September 2009

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## 1. Website user account system

**Q:** An IEEE Web User account could not be used to log into the IEEE NSW website?

**A:** The current website runs on an independent server. Our Joomla website content management system is not part of the larger IEEE website scheme and hence has no connection to the main IEEE user authentication system. We cannot link or synchronise these user databases. At least not in a user friendly way. Since there is no content in the “Members” area of the IEEE NSW website, I would recommend that this member’s link removed for the time being.

## 2. Joomla Website Content Management issues

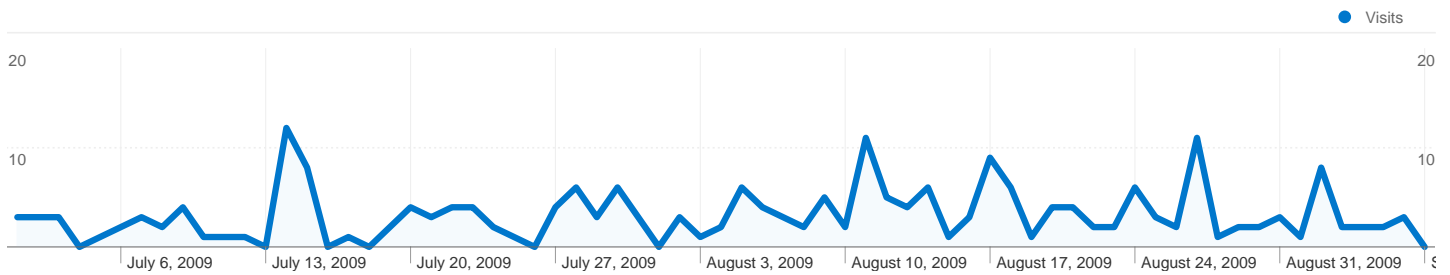
In the past few months the Joomla content management system has failed to accept content that is more than a single paragraph. Typically the issue arises when attempting to copy and paste the event descriptions. Sometimes these errors can be circumvented by manually typing the content. However, this is rather unproductive and has resulted in doubling if not tripling the time it should take to maintain the website. I must apologise for not being as responsive as I should for posting new entries, but the issue mentioned above has been the main reason..

There are only two options I could suggest to improve this scenario:

1. The original author of the IEEE NSW website upgrade the Joomla system to the latest version which may fix the issues I have seen. Whether this is recommended or possible, I cannot be certain.
2. We explore whether IEEE HQ can host our website. In the process, we may be able to link to the global authentication system so that any section member can log in with their original IEEE Web usernames and passwords.

## 3. Google Analytics – IEEE NSW

The following pages provides a recent snapshot of IEEE NSW website visit activity. The time frame for the analysed data is between July 1<sup>st</sup> and September 7<sup>th</sup> 2009.



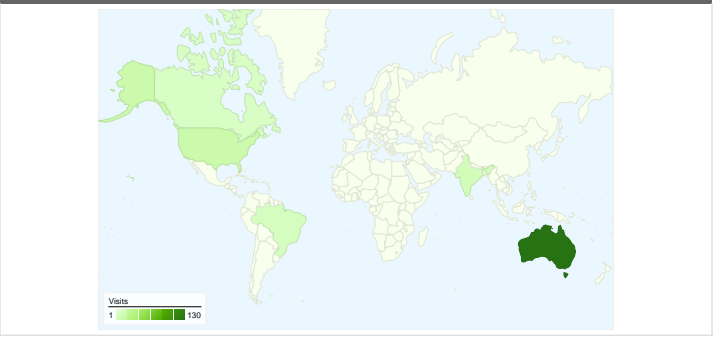
**Site Usage**

**221 Visits**
**45.25% Bounce Rate**  
**812 Pageviews**
**00:02:44 Avg. Time on Site**  
**3.67 Pages/Visit**
**76.92% % New Visits**

**Network Location**

Network Location	Visits	% visits
telstra internet	26	11.76%
tpg internet Pty Ltd.	12	5.43%
optus internet - retail	10	4.52%
university of new south wales	10	4.52%
comite gestor da internet no	9	4.07%

**Map Overlay world**



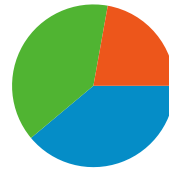
**Content Overview**

Pages	Pageviews	% Pageviews
/r10/nsw/	213	26.23%
/r10/nsw/index.php?option=com	117	14.41%
/r10/nsw/index.php?option=com	78	9.61%
/r10/nsw/index.php?option=com	47	5.79%
/r10/nsw/index.php?option=com	38	4.68%

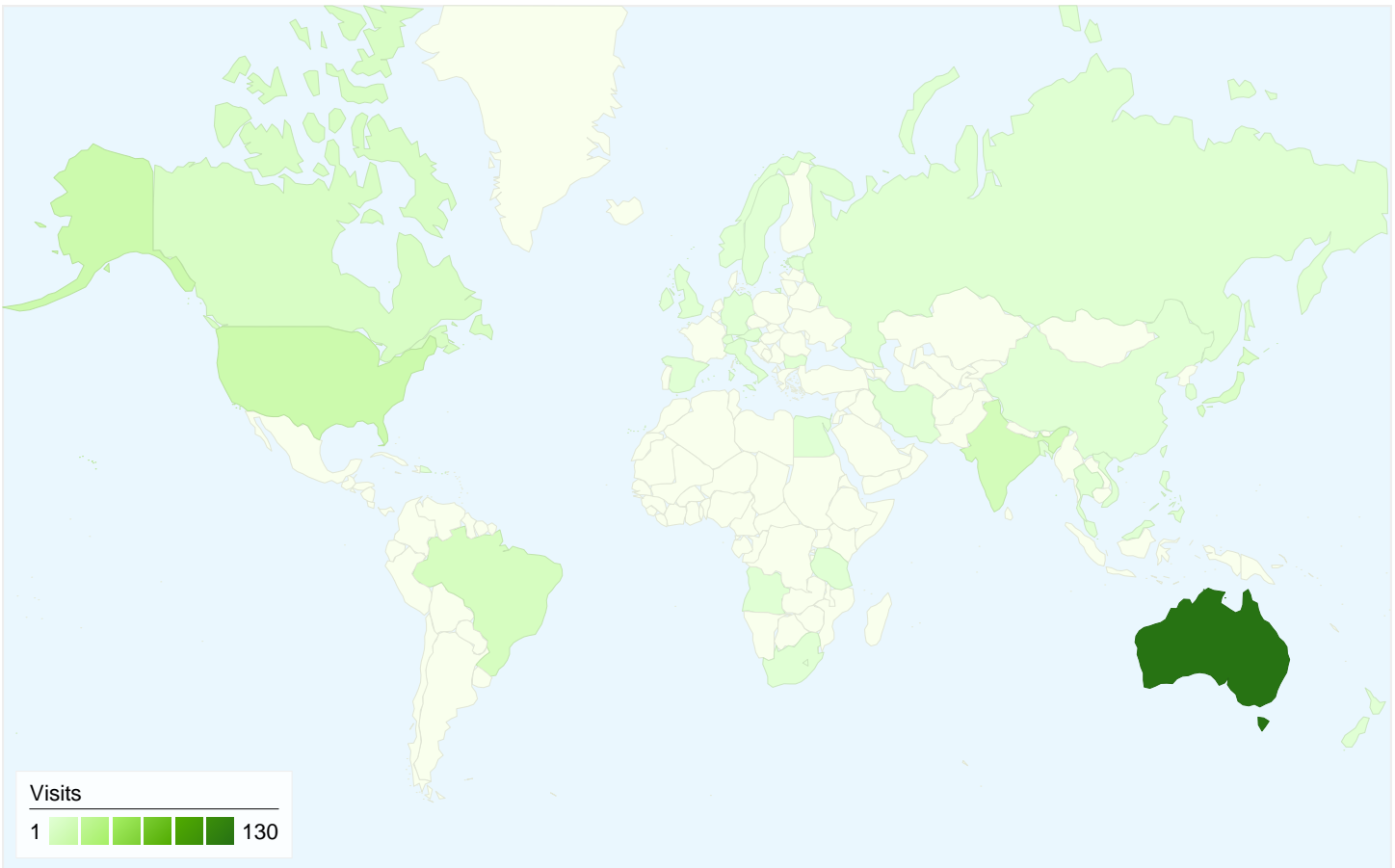
**Search Engine: google**

Keyword	Visits	% visits
ieee nsw	41	48.24%
ieee "new south wales"	4	4.71%
ieee nsw chapter	3	3.53%
ieee nsw section	3	3.53%
ieee login form	2	2.35%

## Traffic Sources Overview



- **Search Engines**  
86.00 (38.91%)
- **Referring Sites**  
86.00 (38.91%)
- **Direct Traffic**  
49.00 (22.17%)

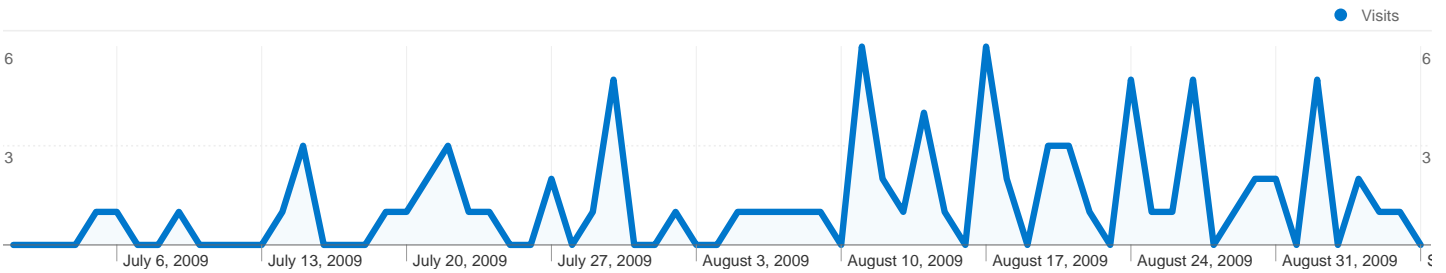


**221 visits came from 37 countries/territories**

Site Usage

Country/Territory	Visits	Pages/Visit	Avg. Time on Site	% New Visits	Bounce Rate
Australia	130	4.78	00:03:42	80.00%	29.23%
United States	16	2.00	00:00:51	68.75%	56.25%
India	11	3.00	00:00:51	100.00%	63.64%
Brazil	9	1.00	00:00:00	0.00%	100.00%
Canada	7	2.86	00:07:55	28.57%	57.14%
Japan	6	1.67	00:00:08	100.00%	83.33%
Singapore	4	2.50	00:01:29	25.00%	50.00%
Taiwan	3	1.33	00:00:10	100.00%	66.67%
Slovenia	3	1.33	00:00:03	66.67%	66.67%

Russia	2	5.50	00:02:07	50.00%	0.00%
					1 - 10 of 37

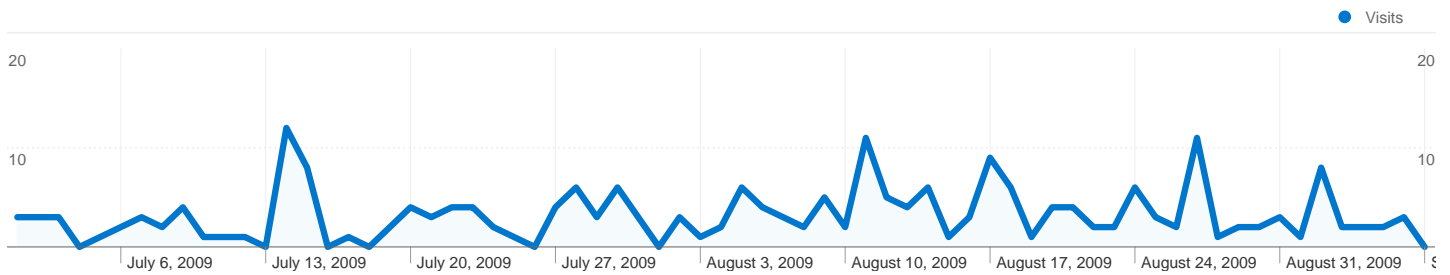


google sent 85 non-paid visits via 37 keywords




Site Usage

<b>Visits</b> <b>85</b> % of Site Total: 38.46%	<b>Pages/Visit</b> <b>4.88</b> Site Avg: 3.67 (32.88%)	<b>Avg. Time on Site</b> <b>00:03:53</b> Site Avg: 00:02:44 (41.82%)	<b>% New Visits</b> <b>77.65%</b> Site Avg: 76.92% (0.94%)	<b>Bounce Rate</b> <b>31.76%</b> Site Avg: 45.25% (-29.80%)	
Keyword	Visits	Pages/Visit	Avg. Time on Site	% New Visits	Bounce Rate
ieee nsw	41	5.59	00:04:43	75.61%	24.39%
ieee "new south wales"	4	2.25	00:03:14	50.00%	25.00%
ieee nsw chapter	3	7.33	00:10:44	33.33%	33.33%
ieee nsw section	3	11.67	00:14:57	100.00%	0.00%
ieee login form	2	10.00	00:02:11	100.00%	0.00%
ieee new south wales	2	5.00	00:12:30	100.00%	0.00%
ieee nsw australia	2	4.00	00:01:22	100.00%	0.00%
oldi wen	2	1.00	00:00:00	50.00%	100.00%
"david burger" ieee	1	1.00	00:00:00	100.00%	100.00%
circuit ieee nsw	1	2.00	00:00:27	0.00%	0.00%

1 - 10 of 37



## All traffic sources sent a total of 221 visits

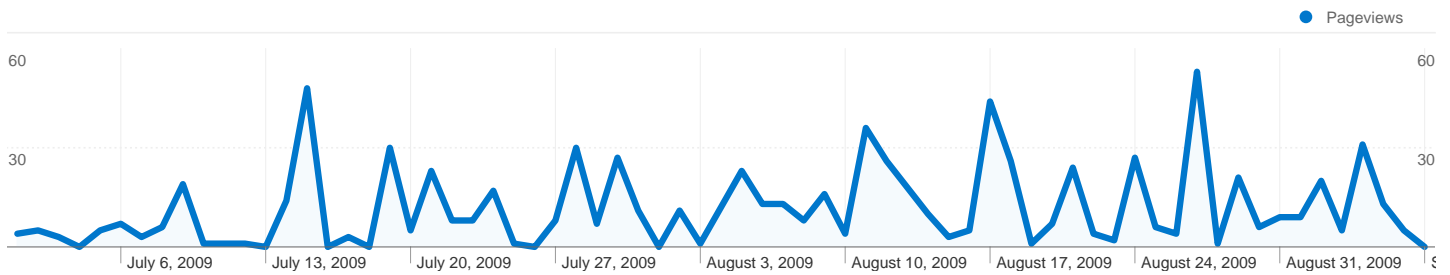
-  **22.17% Direct Traffic**
-  **38.91% Referring Sites**
-  **38.91% Search Engines**



- **Search Engines**  
86.00 (38.91%)
- **Referring Sites**  
86.00 (38.91%)
- **Direct Traffic**  
49.00 (22.17%)

## Top Traffic Sources

Sources	Visits	% visits	Keywords	Visits	% visits
google (organic)	85	38.46%	ieee nsw	42	48.84%
(direct) ((none))	49	22.17%	ieee "new south wales"	4	4.65%
ewh.ieee.org (referral)	22	9.95%	ieee nsw chapter	3	3.49%
inext.uts.edu.au (referral)	10	4.52%	ieee nsw section	3	3.49%
en.wikipedia.org (referral)	9	4.07%	ieee login form	2	2.33%



**Pages on this site were viewed a total of 812 times**

 **812 Pageviews**

 **563 Unique Views**

 **45.25% Bounce Rate**

## Top Content

Pages	Pageviews	% Pageviews
/r10/nsw/	213	26.23%
/r10/nsw/index.php?option=com_content&task=view&id=20&Itemid=	117	14.41%
/r10/nsw/index.php?option=com_contact&catid=6&Itemid=6	78	9.61%
/r10/nsw/index.php?option=com_wrapper&Itemid=52	47	5.79%
/r10/nsw/index.php?option=com_content&task=view&id=33&Itemid=	38	4.68%





## Macquarie University Student Branch

[sb.mq@ieee.org](mailto:sb.mq@ieee.org)

### IEEE MQ Student Branch Activities – 2009

- 19th February 2009** Lecture by Prof. Tapan K. Sarkar, “*Who was James Clerk Maxwell and what was his electromagnetic theory?*”. Jointly organized by IEEE MQ Student Branch, IEEE NSW AP/MTT Chapter & UTS.
- 20th February 2009** Lecture by Prof. Tapan K. Sarkar, “*What is the appropriate physical form of channel capacity to use for wireless communication?*”. Jointly organized by IEEE MQ Student Branch & IEEE NSW AP/MTT Chapter
- 11th September 2009** CST's 1st Australian User Group Meeting, Jointly organised by CST and IEEE MQ Student Branch.
- 19th October 2009** Lecture by Prof. Manos M. Tentzeris, “*Inkjet-printed paper/polymer-based RFID and wireless sensor nodes: the final step to cognitive intelligence?*” Jointly organised by IEEE MQ Student Branch & IEEE NSW AP/MTT Chapter.
- 5th November 2009** **Lecture by Prof. Zhiping (James) Zhou**, “*Silicon based Micro-Sensors*”. Jointly organised by IEEE MQ Student Branch & IEEE NSW AP/MTT Chapter.

### IEEE MQ Student Branch Members/Officials 2009

Member Position	Member Name	Member Email
Branch Counsellor	Prof. Karu Esselle	esselle@ science.mq.edu.au
Branch Chair	M. Arif Khan	mkhan@ science.mq.edu.au
Branch Vice Chair	Yogeshwar Ranga	yranga@ science.mq.edu.au
Branch Secretary	Dushmantha Thalakatuna	dushman@science.mq.edu.au
Committee Member	Jianjun Liu (Jacky)	jianjun@science.mq.edu.au
Committee Member	Venkata Gutta	vgutta@ science.mq.edu.au
Committee Member	Oya Sevimli	osevimli@science.mq.edu.au
Committee Member	Yiwei Yu	yiweiyu@science.mq.edu.au
Committee Member	James Howarth	jhowarth@science.mq.edu.au
Committee Member	Ravi McCosker	ravi@ science.mq.edu.au



# Joint Microwave Theory & Techniques/ Antennas & propagation Chapter - NSW

## IEEE AP/MTT Chapter Activities – 2009

- 19th February 2009**      Lecture by Prof. Tapan K. Sarkar, “*Who was James Clerk Maxwell and what was his electromagnetic theory?*”. Jointly organized by IEEE MQ Student Branch, IEEE NSW AP/MTT Chapter & UTS.
- 20th February 2009**      Lecture by Prof. Tapan K. Sarkar, “*What is the appropriate physical form of channel capacity to use for wireless communication?*”. Jointly organized by IEEE MQ Student Branch & IEEE NSW AP/MTT Chapter
- 19th October 2009**      Lecture by Prof. Manos M. Tentzeris, “*Inkjet-printed paper/polymer-based RFID and wireless sensor nodes: the final step to cognitive intelligence?*” Jointly organised by IEEE MQ Student Branch & IEEE NSW AP/MTT Chapter.
- 5th November 2009**      **Lecture by Prof. Zhiping (James) Zhou**, “*Silicon based Micro-Sensors*”. Jointly organised by IEEE MQ Student Branch & IEEE NSW AP/MTT Chapter.

## IEEE NSW AP/MTT Chapter Committee 2009

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



NEW SOUTH WALES SECTION, AUSTRALIA

RUSSIA SIBERIAN SECTION

**Memorandum of Understanding and Sister Relationship Agreement**

**between**

**IEEE Russia Siberian Section and**

**IEEE NSW Section**

**on**

**Collaboration**

**This AGREEMENT is made BETWEEN:**

1. Institute of Electrical and Electronics Engineers, NSW Section in Australia (hereinafter referred to as IEEE NSW).

and

2. Institute of Electrical and Electronics Engineers, Russian Siberian Section (hereinafter referred to as IEEE Siberian).

**PREAMBLE**

To encourage the exchange and dissemination of technical information, to provide service to electrical engineers in Australia and Russian Siberian Section to promote understanding and cooperation between their respective members. The IEEE NSW and the Russian Siberian Section have entered into an agreement on the following matters:

**NOW IT IS HEREBY AGREED AS FOLLOWS:**

**1. DURATION**

The terms of this agreement shall be in force for a period of 5 years from the date as signed by both parties.



## **2. JOINT COMMITTEE MEETINGS**

Members of the IEEE NSW and IEEE Siberian will meet once a year alternatively in Vladivostok, Russian Federation and Sydney, Australia, to discuss the items listed, but not limited, in this agreement. Financial arrangement will be as follows: each host Section will cover the local costs of accommodation and meal allowance up to three days and the travelling party will be responsible for the air fare.

## **3. JOINT COLLABORATION**

The parties will, subject to separate agreement on specific items, enter into joint projects, events, such as conferences, forums, publications, history, standards, educational materials, etc.

The parties will also explore joint activities devoted to preserving and sustaining the environment, teaching mathematics and science to provide technology awareness to the general public, and improving the image of engineers and the profession generally.

The parties will jointly promote and provide assistance to each other in the area of joint application of research funding from RFBR (Russian Foundation of Basic Research) and ARC (Australian Research Council). Emphasis will be given to gain funding for research and educational activities for young scientists.

It is anticipated that the IEEE Region 8 and Region 10 will also participate in these joint activities.

## **4. INDUSTRY AND GOVERNMENT LIAISON**

In order to strengthen and promote IEEE activities, each Section will provide assistance for the other Section to gain access to and establish contact with industry and government agencies within the areas of Australia and Russian Federation.

## **5. SETTING UP JOINT CHAPTER**

IEEE NSW and IEEE Siberian will work together to set up a joint Chapter, located in Vladivostok.

## **6. COORDINATION OF CONFERENCES, EVENTS & TECHNICAL MEETINGS**

Plans and schedules for international conferences and major events will be exchanged between the parties.



To the extent practical communication will take place with each other to conduct a major conference or event of mutual interest.

## 7. STUDENTS

Student membership will be promoted by each of the organisations. Joint student activities between the Section is encouraged under this MOU.

## 8. ACCESS TO R8 AND R10 MEETINGS

To increase the understanding and collaboration between Region 8 and Region 10, a member from IEEE Russian Siberian will be invited to attend the annual Regional 10 meeting and a member from IEEE NSW Section will invited to attend the annual Regional 8 meeting. Each respective Section will approach its Regional office for financial and logistical assistance.

## 9. PRE-APEC FORUM

APEC 2012, which will be held in Vladivostok, is a major event in Russia Far East. To increase scientific and engineering awareness, IEEE NSW and IEEE Siberian will jointly, together with other institutions and government agencies in Russian Federation, organise a Pre-APEC Forum to be held in September 2011.

## 10. CO-ORDINATORS

The coordinators for the collaboration pursuant to this AGREEMENT are as follows:

- (a) Dr David Tien, IEEE NSW, Australia.
- (b) Associate Professor Alexander Gridchin, IEEE Russia Siberia Section

The coordinators shall jointly decide and hold meetings to discuss on all issues related to this agreement.

## 11. REVIEW, AMENDMENT AND TERMINATION

Amendments to the agreement may be proposed at any time, but will not be valid until the governing bodies of two organisations have approved them.

Other cooperative agreements, which may be made in the future, such as between IEEE NSW and IEEE Siberian, shall be documented in a supplement to this agreement.



**NEW SOUTH WALES SECTION, AUSTRALIA**

**RUSSIA SIBERIAN SECTION**

Either the IEEE NSW or IEEE Siberian may terminate its obligations under this agreement by three months notice in writing to the other party, in which case the agreement will remain in force for that time so far as the obligations between IEEE NSW and IEEE Siberian are concerned.

This document is prepared in two copies, one for IEEE NSW and one for IEEE Siberian.

This agreement will come into force after ratification by the Section Committees of IEEE NSW and IEEE Siberian.

On behalf of IEEE NSW Australia

On behalf of IEEE Russia Siberia Section

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Dr David Tien  
Chairman  
IEEE NSW Section

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Associate Professor Alexander Gridchin  
Secretary/Treasurer  
IEEE Russia Siberia Section

Date: Monday, 14 September 2009

Date: Monday, 14 September 2009