



The Institute of Electrical and Electronics Engineers, Inc.

VOLUME 44 Issue 2

July 2015

Secretariat

AUSTRALIAN PROFESSIONAL CENTRE PO Box 576 CROWS NEST NSW 1585 Tel: +61 2 94318600 IEEE NEW SOUTH WALES SECTION ARBN 078 576 495 ABN 34 078 576 495

> Editor: Bill Sloman e-mail: bill.sloman@ieee.org Web page: http://sites.ieee.org/nsw/

Contents:

page 2 Society on the Social Implications of Technology, and their blog contest.

Pages 3, 4 Education Chapter Update

pages 5, 6 Power and Energy Systems Chapter

pages 7,8 ICPADM 2015

page 9 The Internet of things conference in Sydney

page 10 The Joint Institutions Lecture Series – dates, titles, and speakers

pages 11- 23 New and upgraded members.

Page 23 Administrative stuff

Page 24 - 27 AGM & Nominations

Editorial: This is the second newsletter I've edited – from Europe, since I've been in the Netherlands since the final submission date, put most of this together in Paris, and finished it off in London.

Apparently the NSW branch of the IEEE has managed to win another conference for Sydney, but since we haven't been officially notified yet, we can't say what it is.

We've agreed to sponsor this year's Australian Engineering Week, to be held in Sydney on the 1st to the 9th August 2015. That is official.

SSIT— Who we are, a blog contest and how to join!

The Society on Social Implications of Technology (SSIT) of IEEE is concerned with how technology impacts the world, and with how the application of technology can improve the world. SSIT focuses on issues such as: humanitarian engineering; environmental issues including climate change, green technologies, and sustainable design; privacy and security; other economic, health, and safety implications of technology; engineering ethics and professional responsibility; engineering education including k-12 and engineering education in social implications of technology; history of technology; public policy related to engineering, technology and science; health and healthcare technologies and impact; reliable energy and social issues related to energy, and social issues of information technology and telecommunications.

Activities include:

- · IEEE Technology and Society Magazine, an award-winning journal containing both peer-reviewed and general interest articles.
- The International Symposium on Technology and Society (ISTAS), held annually. This year SSIT Australia is co-sponsoring a panel on eHealth and National Security at ISTAS on 11-12 November in Dublin, Ireland. For more information, please contact John Lewis (jlewis42@me.com).
- An active network of SSIT chapters spanning the globe.
- A Guest Lecturer program on critical topics of interest.
- Online discussion of social impacts of technology through forums, website, blogs, and social media. SSIT has initiated a blog contest inviting people to share, in 500 words or less, commentary on how Technology is impacting Society. Entries due 1 September 2015, details at http://ieeessit.org/chapters/ssit-blog-contest/. All IEEE Members (including students and affiliate members) are eligible to enter.

Membership in SSIT is open to all IEEE members and student members. We strongly encourage IEEE members to add SSIT membership when they renew their IEEE membership! For more information about joining SSIT, or to receive information by email about SSIT events, please contact the Chair of SSIT Australia Chapter, Lyria Bennett Moses (lyria@unsw.edu.au). You can also follow us on Twitter at @ssit_au or join our Linked-in group "IEEE SSIT Australia Chapter" at https://www.linkedin.com/groups?home=&gid=1843561.

Contributed by Lyria Bennett Moses, Associate Professor in the Faculty of Law, University of New South Wales (UNSW) Australia Education Society



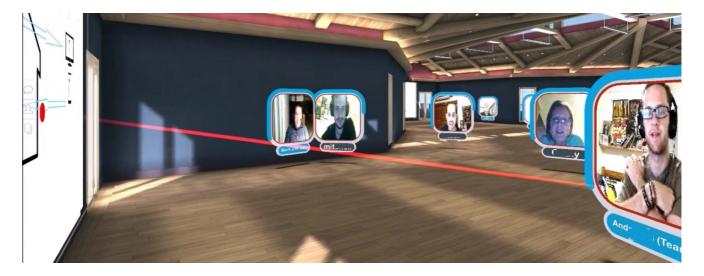
Education Chapter Update

Recent Activities

April:

In April Chapters members were invited to participate in a trial of using a video based 3D virtual world (via a software platform called iSee), as a mechanism to encourage transnational student engagement and industry participation. Students from a UOW third year project based subject were required to pitch their favourite idea to the audience in a trade show styled environment. The audience consisted of students from the Dubai campus, enrolled in the same subject as well as industry guests and staff. The goal of the audience was to provide feedback and identify any positives or negatives to aid the team before they did a pitch to an academic panel.

The advantage of iSee compared to other Multi User Virtual Environments (MUVE) is that it is video based. This means you get to see the facial expressions of the people you are speaking to.



June:

On the 9th of June we had a great casual teacher forum at Macquarie University. Great presentations and a great turn out. A number of casual academic teaching staff, outlined their strategies for engaging students and facilitating learning. In addition, a motivating presentation by the chapter chair outlined the importance of casuals in improving engineering education, and the importance of engineering education research.

Upcoming Event: Wollongong Casual Teacher Forum

If you missed the forum at Macquarie University, you have a second chance. On the 25th of June we will be holding a second casual teacher forum at the University Of Wollongong. It is about improving your ability to facilitate learning and improving subjects and processes. The presentations are run by casuals for casuals (non-casuals also welcome to attend).

To attend please register via the following link: https://meetings.vtools.ieee.org/m/34986

More information is available from the chapters website:

http://sites.ieee.org/nsw/education-chapter-ed/

For IEEE members, the cost of adding the education society is US\$20, and for students it is US\$10.

Sasha Nikolic

Chair, IEEE NSW Education Chapter



Power & Energy Society®

POWER & ENERGY SOCIETY CHAPTER UPDATE

Call for Outstanding Engineer Award Nomination

The IEEE Power & Energy Society New South Wales Chapter Outstanding Engineer Award (OEA) will be presented annually to a PES NSW Chapter member judged to have made a significant contribution to the engineering profession.

Nominations will be judged on the following criteria:

- Outstanding technical contributions to the power engineering profession.
- Significant contributions to the local community representing the power engineering profession.
- Outstanding contributions in the area of power engineering education.
- Outstanding professional and leadership contributions to the power engineering profession.
- Service to the Power & Energy Society and/or IEEE, particularly to the PES NSW Chapter.

Nominations should be sent to nsw.pes@ieee.org and received by 31 August 2015.

Call for Nominations for Office Bearers

Nominations are sought for positions in the PES NSW Chapter, namely: Chair, Vice-chair, Secretary / Treasurer and General Committee (four committee positions). Nominations should be sent to Graeme Gwilliam at gb.gwilliam@ieee.org by 30 September 2015.

Free Student Membership

IEEE Student Members who have not previously been Power & Energy Society members can join for free for the first year. This offer is open until 15 August 2015.

More details are available at http://www.ieee-pes.org/pes-communities/membership-grades/student-members

The Power and Energy Technology Systems Open Access Journal

The Power and Energy Technology Systems Journal submission site is now open. This new open access journal is intended to be a technical journal containing practice-oriented articles focusing on all power and energy topic.

AUPEC 2015 - Wollongong

The Australasian University Power Engineering Conference (AUPEC 2015) will be held at the Novotel Wollongong Northbeach from 27 September to 30 September 2015. This long-running conference is hosted in 2015 by the Australian Power Quality & Reliability Centre and the University of Wollongong and is technically co-sponsored by the IEEE PES. Two tutorials will be held on Sunday 27 September, on the themes of renewable energy and power quality.

ISGT Asia 2015 - Bangkok

The IEEE Innovative Smart Grid Technologies Asia Conference (ISGT Asia 2015) will be hosted by the Thailand PES Chapter in Bangkok from 4-6 November 2015, with tutorials on 3 November.

APPEEC 2015 - Brisbane

The Seventh Annual IEEE PES Asia-Pacific Power and Energy Engineering Conference (APPEEC 2015) will be hosted by the PES Queensland Chapter and will be held in Brisbane on 15-18 November 2015.

CIGRE Conference on Integration of Distributed Energy Resources

The IEEE PES Queensland Chapter, with assistance from the PES NSW Chapter, are technically cosponsoring the CIGRE Conference on the Integration of Distributed Energy Resources (CIDER 2015). This conference will be held in Brisbane at the Hotel Jen on 19-20 August 2015. More information is available from http://cigreaustralia.org.au/cigre-events/cider15/



Ray Brown is the Chair of the NSW Chapter of the Power and Energy Supply Section. His e-mail address is ray brown@ieee.org

ICPADM 2015 to be held in Sydney, July 19-22.

ICPADM 2015 (International Conference on the Properties and Applications of Dielectric materials) is the IEEE's only Asia-Pacific high voltage insulation and dielectric materials conference. It is a major triennial conference and was first held the IEEE in Xi'an in 1985. It is being held in Australia this year at the University of NSW and is being organised by the newly formed NSW Chapter of the IEEE Dielectrics and Electrical Insulation Society.

It will be held at UNSW on July 19-22 of 2015. Thus far about 200 attendees have registered and will be delivering a total of 272 papers, made up of 128 oral papers in 21 sessions and 144 poster presentations in five sessions. Five plenary keynote review papers by internationally recognised experts from China, Japan, Italy and the UK will be presented. The Professor Liu Ziyu Memorial Lecture will be presented by Prof Li Shengtao of *Xi'an Jiaotong University* and the Chinese *State Key Laboratory of Electrical Insulation and Power Equipment.*

The Topics of the papers to be given are:

Oral sessions:

Ageing & life assessment (3 oral sessions)

Bio-dielectrics; eco-friendly dielectrics; new materials (2)

Conduction & breakdown; surface & interfacial phenomena (2)

Insulators, insulation in equipment & systems (3)

Monitoring & diagnostics (3)

Modelling & simulation (2)

Nano-technology & nano-dielectrics (2)

Partial discharges (2)

Space charge (2)

Poster sessions

Poster session 1: Ageing and Partial discharges

Poster session 2: Insulation and Modelling

Poster session 3: Monitoring and Diagnostics

Poster session 4: Bio-dielectrics and Nano-dielectrics

Poster session 5: Space charge and Conduction & breakdown

There will also be two pre-conference workshops:

Workshop 1: Dr Richard Morrow of Sydney University and Morrow Corona Solutions:

Numerical Modelling of Gas Discharges

Workshop 2: Prof Yasuhiro Tanaka of Tokyo City University:

Space Charge Measurement using the Pulsed Electro-Acoustic Method

Further information about ICPADM 2015 is available from the conference website: www.icpadm2015.org/ or from Trevor Blackburn (t.blackburn@unsw.edu.au) or Toan Phung (toan.phung@unsw.edu.au)

May/June 2015 (VOLUMF 31 NUMBER 3) ISSN 0883-7554

MAGAZINE

Featured in this Issue:

- The Effect of the Marine Environment on the Stator Insulation System of an Offshore Wind Turbine Generator
- Determining Water in Transformer Paper Insulation: Effect of Measuring Oil Water Activity at Two Different Locations
- Initiation of a Typical Network Secondary Manhole Event
- Enhancing the Thermal and Electrical Performance of Epoxy Microcomposites with the Addition of Nanofillers



Sydney Harbour Bridge, with the Opera House in the background. ICPADM 2015 will be held in Sydney, July 19–22.







The Internet of Things (IoT) brings promising opportunities and challenges. It attracts great attention, and will have important economic and social impact. IoT will play a key role in the next generation of information, network, and communication developments. Future IoT may bring us an era of "harmony of man with nature", which means a harmonious fusion of Physical-space, Cyber-space, and Social-space. We will witness an emancipation not only from onerous physical labor, replaced by by machine-human interface, but also from the spatial-temporal constrains of Physical-space, and will achieve substantial benefits from IT development.

The 2015 IEEE International Conference on Internet of Things (iThings2015) will provide a high-profile, leading-edge forum for researchers, engineers, and practitioners to present state-of-art advances and innovations in theoretical foundations, systems, infrastructure, tools, testbeds, and applications for the Internet of Things, as well as to identify emerging research topics and to define the future. The iThings2015 is the 8th edition of the successful series, previously held as iThings 2014 (Taipei), iThings 2013 (Beijing, China), iThings 2012 (Besançon, France), iThings 2011 (Dalian, China), IOTS 2010 (Hangzhou, China), MINES 2009 (Hangzhou, China), and MINES 2008 (Chengdu, China).

The conference web-site is at http://www.swinflow.org/confs/ithings2015/index.htm

The Joint Institutions Lecture Program for 2015 as at 25th June 2015

| Date | Lecturer | Title | Inst. |
|--------------------|---|---|-------|
| July 23, 2015 | Dr Carol Wilson, CSIRO | The Square Kilometre Array (SKA) | EA |
| August 13, 2015 | Dr Oliver Diessel | Title TBA. Reconfigurable computing for space applications, FPGAs etc | IET |
| August 27, 2015 | Dr Alessandro Rossi: UNSW | Quantum-dot device for a standard for electric current | IEEE |
| September 10, 2015 | Michael Larkin - Tortech Transormer Pty Ltd | Improve Tansformer Design Temprtur Rise | EA |
| September 24, 2015 | TBC - IEEE DL _ Wgong _AUPEC | TBA | IEEE |
| October 8, 2015 | Pete Neal - Global Director, Products - Dialogue Communications | A2P SMS traffic building smart business | IET |
| October 22, 2015 | Prof Andrew Dzurak, from UNSW | "Silicon-based Quantum Computing" | EA |
| November 12, 2015 | Inland Rail Project | TBA | IET |
| November 26, 2015 | Dr. Sweeting , the 2015 Sargent MA | TBA | EA |
| December 10, 2015 | TBC - Dr Akihiko Sugiyama, FIEEE NEC Japan | TBA | IEEE |

New and Upgraded Members 1st March 2015 to 30th June 2015 New and Upgraded Fellows

We have 30 in total in NSW and the total hasn't changed in the past few months

New and Upgraded Life Fellows

There are ten in NSW and their total hasn't changed recently either.

New and Upgraded Senior Members

| Amit | Aryal |
|------|-------|
|------|-------|

Alejandro BarrigaRivera
Meriam Gay Valendez Baustista
Alan Bowen-James

Rafael A Calvo
Stuart G Hay
Haiyan Lu
Quang Vinh Nguyen

Yogeshwar Ranga
Stephen J Redmond
Lei Wang
Yanguang Yu
Luping Zhou

We have 255 senior members in NSW

New and Upgraded Life Senior Members

We have 18 life senior members in NSW, but no new ones to report.

New and Upgraded Members

Tissa ABAYARATNA Chula Abeysirinarayana

Carlos Alfredo Adjiman Nusrat Afrin

Dimitrios Agiakatsikas Andrew Agnew

Azam Ahmad Bakir Tanvir Ahmed Jeanette Aitken Nahid Akbar Madhu Alasyam Brad Alder Asish Zac Alex Wael Yousef

Wael Yousef Alghamdi Ismail Mohamed Ali

Ahsan Ali

Thomas James Allan

Antonio Alvarenga
Alberto E Ampil
Peter Anderson
Nur Ilyana Anwar Apandi
Nicholas Appleton
Prabha Ariyaratna

Varun Vinod Arur
Adel Atieh
Tim A Aubrey
YeeMon Aung
Alberto P Avolio
Hesham Wahid Mohamed Badr

Hamed

Bannister Keith W Robert Mathew Barton Prabal Datta Barua Boualem Benatallah David Elie Benchoam Regina Berretta Graeme Best Bodduluri Kalyan Haseeb Bokhari Paul Ρ Breen Andrew Matthew **Brodie** Stefanie Brown Tim **Burgess**

Brenden Andrew Butters
Xiongcai Cai
Longbing Cao

Lucia Cristina Carrion Gordon

Angela Felicia Cartagena **Thomas** Lawrence Chaffey Monte Chan Archie Carl Chapman **James** Charters Ge Chen **ZHEN CHEN** He Chen Guo Chen Wah Hon Cheng Chris Chesher Suen Xin Chew Narinder Chhabra Tsz Chim Lam Chin Kwan-Wu CheeMun Chong Cocotti Enzo Gregory Kevin Cohen Jack Killian Colwell Brendan Cook Julian В Corben james corkill Sirish Dangol Ε Jon Davis Adrian De Silva Dinesh Kumar Devarajan Warren Don John Jeremy Dusing Fikret Taygun Duvan Tyler **Dykes** Steven Andrew Dzurak Calvin Drummond Eiber John Eisenhuth Mahmoud Elkhodr Ewald Enzinge Mena Farag Farnaz Farid Azadeh Farnoush Shane Feeney Matthew Field Jake Rolle Figueroa Josiah Harold Firth Darren Ρ Frost Bill **Fulton** Libin George

Ρ

Μ

Page 13 of 27

Goldsworthy

Michael Green

Sasareka Malithi Gunawardana Ozan Gunaydin

Habib **Ibtesam** Peter Haggstrom HAN Zhenrong

Simon ٧ Harvey Darren James Vawdrey Hayes

he ying С Herbert **James** simon francis heslop Rieky Heyden Bram Hoex Jaesung Hong Yining Hu Huang Mengyu Darren Hudson

Artemij Iberzanov Mohammed Α Ikram

Damayanthi Indika Ilukkumbure **STEPHAN** Μ **IMMERZ** Shilpitha Chidrupi Inguva Astria Nur Irfansyah Md Monjurul Islam Shama Naz Islam

Jemima **Emily** Jackson Alessandro David Jaku

Ρ Shanta Jayawardana Vellimalai Karuppanan Hiroko Kato

Khatamianfar Arash Muhammad Rizwan Khokher Hyong Sik Kim Renato Knox Pradha Lakhera Ε Mark Larsen

Hoang Ha Le William Lee Jaebok Lee Li Dun Li Qing Michael David Lucas Fengji Luo

Yuanye Ma Rob Manson James Martin Gregory R Maslen Mahmoud Matkari Ayman

J Mcauliffe Grant Robert Michael

Andres Guillermo Moreno-Rojas Patrick Joseph Mulligan Sakula Nanayakkara Michael Newman Sukhvir Singh Notra ٧ Ramana Murthy Oruganti Peter Jan Pakulski William Palmer Andrew Mohammad Zavid Parvez Gavin Paul David Kwong Phoon **Pollnow** Errol Η

Simit Raval Sabih Rehman ur Gang Ren

Victor Adolfo Romero-Cano

Haowei

Ruan Khalid **Imtiaz** Saad Sarvin Sadra Azadeh Safari Babak Saghaie Shuhdi Robert Salama Ali Salim Saman Shafigh Nishat Shah Mohammad Igbal Bin Shahid Shaikh Mostafaal Masum

Teena Sharma Yanyan Shen Lei Shi

Mahyar Shirvanimoghaddam

Sanjeeb Shrestha John **Smolders** Alonzo Daniel Sparkes J Terrence Summers Graeme John Sutton Carl Eric Svensson **VICTOR** TAM Umair Ullah Tariq **ASHRAF** A.ALAMEN **TEARA**

Teweldemedhin **Ermias** Zerazion Tharmachandirar Tharumauran Deenadayaalan Thirrugnanasam

bandam

Philip **Thomas** Jaideep Thyagarajan
Lachlan Toohey
Mei Ling Tsang
Mari Velonaki
Gilbert Verdian

Peerapat Vithayasrichareon

Zhao

Zheng

Zheng

Zhou

Haishuai Wang Yuguang Wang Marc Weber Ingo F Winter Joseph Mingfei Wu Xuekuan Xie Yang Xie Yixuan Xie Han Xu Zhizhong Yan Shihao Yan Jie Yin Tieling Zhang Yanbing Zhang Zhe Zhang

Xin

Haoheng

Jianlong

Xi

New And Upgraded Life Members

We have no new Life members to report here

New And Upgraded Graduate Student Members

| | | A1 - 1- |
|----------------|--------------|----------------------|
| Syed | Shaukat Raza | Abidi |
| Kazi | A I | Ahsanullah |
| Mortada | Asaad | Al-Banna |
| Ismail | Mohamed | Ali Australia |
| Syed | Z | Arshad |
| Shouman | | Barua |
| Johann | | Bengua |
| Craig | | Bennett |
| Peter David | | Bradley |
| Ibrahim | | Burhan |
| Henry | _ | Candra |
| Jay | R | Carniel |
| Xiaofeng | | Chang |
| Ran | | Chen |
| Weisi | | Chen |
| Andrew | James | Cook |
| Amanda | | Cottingham |
| Sepehr | | Damavandinejadmonfar |
| Ba Thinh | | Dao |
| Bruce | Kevin | Ellis |
| Raphael | | Falque |
| Thomas | | Fejes |
| Yuxiao | | Feng |
| Eric | Leonard | Ferguson |
| Catherine | Patricia | Foley |
| Min | | Fu |
| Michael | Roy | George |
| Shameek | | Ghosh |
| John | | Graham |
| Martin | David | Griffith |
| Martin | | Groen |
| Rychard | Nunes | Guedes |
| Hanadi | Ahmed | Hakami |
| Hana | A. | Halim |
| Firas | | Hamdan |
| Mohammad Nazmu | I | Haque |
| John | Paul | Harvey |
| ying | | he |
| David | L | Hewish |
| Zhibin | | Hong |
| Md. | Selim | Hossain |
| Jingming | | Hou |
| | | |

Blair D Howarth Zhaocheng Huang Chao Huang

Jacqueline Huvanandana

Md Monjurul Islam

Hessam Jahani Fariman
Md Jahirul Islam
Robert Jandausch
Dayantha Jayarathna
Sachini Nisansala Jayasooriya
Devaka Jayawardana
Madhuka Jayawardhana

C G Jenkinson
Rizhong Kang
Kallol Krishna Karmakar
Debabrata Kumar Karmokar

Mahesh Kayastha Ruonan Ke Matthew **Keblis** Aroba Khan Rajas Prakash Khokle Taekyun Kim Μ Cat Kutay Noel Divesh Lal Alison Lennon

Ziyi Li Ziyi Li Minqi Li William Lim Steven Limpert Pei Lin Toto Anton Liong Yahong Liu

Yahong Liu
Junwei Liu
Chang Liu
Shen Lu
Mahlagha Mahadavi Aghdam

Andri Mahendra Majid Malekpour G Angel Maluvo Nathan Marks Leroy Mason Stephen R Mcknight Paul J Mcmahon

Adam McNeilly
Anuj Mehta
Alton Menggasa
Katina Michael

Adam John Mills Nabil Μ Mirza **Nurul Ain** Mohd Said Milad Momayyezan Moosazadeh Mahdi Khaled Mahbub Morshed Christine Α Mozar Nor Aishah Muhammad ALAN Т **MURRAY** Shaun Murray-Prior Ghulam Murtaza **Thomas** Michael Edward Mzumara Nitin Nampalli Pawan Narayan Isuru Nawinne Muhammad Tariq Nazir Duy **Trong** Ngo Thach Kevin Ngo Huy Hoang Nguyen Hong Viet Phuong Nguyen Trung Vu Nguyen Thien Duc Nguyen Lawrence Ong Zengxi Pan Young Kook Park Harshal Μ Patel Robert J Paton Jayson **Patrick** Rohan Pellizzer Aaron **Thomas** Pereira Bob **Platfoot** Thomas Power

Ginu Rajan
Muhammad Tausif Afzal Rana
Paul Rimba
Shannon Andrew Rios

Deepak

Alireza

Shameer Brendon

Emely Rocca Galarza

Puthal

Rae

Qureshi

Raghami

Madeleine Gabrielle Sabordo Sumyea Sabrin ehsan saeedi MD SHIRAJUL **SAGAR** S Deepak Sahay Kaveh Sarrafan Upul Senanayake Xiaoqi Shen Zhan Shi

ANISH SHRESTHA Heidi В Stratti Fabian Stretton karthik sukumar Jeremy **James** Swift Cheng Tan Afaf 0 Tareef Yik Ren Teo

Hamid Reza Teymour
Danan Thilakanathan

Charles Ν **Thomas** Baoying Tong Le Chung Tran viet thang tran Khoa Tan Tran Bao Cao Quang Truong Anthony Ujhazy irfann ullah

Christoph Ummenhofer Vizintin Bojan Thai Hau Vo Wallis Christopher Sisi Wang **Jingjing** Wang Huiyang Wang Pichao Wang Zeya Wang Fubara George Warmate

Samanthie Prabuddhika Warusapperuma

Raniyah A Wazirali Michael Weaver jiqiao wei xiaoming wen

Buddhi Sachith Wijerathna Udaya Р Wijesinghe Stefan В Williams Daniel Wilson Kwok Kay Wong ChiYan Wong Rune Woodman

Tianhong Wu
Zunyi Xie
Zunyi Xie
XINZHI YAN
Chang Yan
Yi Yang

Xiaotian Yang Yan YAO Bin YΕ LIN YΕ MD **TANVIR** YEASIN Geoffrey Dae Geun Yoon Geoffrey Dae Geun Yoon Sean Isaac Young Yuchen Yuan Marc Patrick Hans Zapf Qiwei Zhai Yongtuo **Zhang** Jing Zhang Sen Zhang Luke Zhao Guanglou Zheng Zhu Qinggaozi

We have 428 Graduate Student Members in NSW.

New Student Members

Ryan Baker Grahame **Barling** Ran Chen lan Cheng Jack Killian Colwell Timothy James Cubbin Farhad Dadgostar Aarohi Dalal Jiemin Ding monica Olive Maloney eaton Mehdi Garmroodi Daniel Alexander Garzaniti Douglas Roy George Luise Amalia Grice

MD HABIBULLAH
Patrick Hamid

Maryam Hasheminamin Mubashir Hussain

He Jin
Mark John Lagana
Longbin Lai
Steven Lennon
Xiao Li
Qingxiang Liu
Dillon MacEwan

Susanna Mann Salvatore Mattera

nur suhaila mohamad nasir Thushanthan Mohanarajah Nour Moustafa Niraj Naidu Quang Vinh Nguyen Michael Orrock Sunny Jin Pack Ε Isaac **Palacios** Jian Qi

George Raicevich
Kaman Aristo Ramley
Serge Rozentsvet
Rhiannon Ryder
Ahsan Saadat
Nirzhar Saha
Ali Salim

Ransalu Senanayake Kosala S Senevirathna Arash Shaghaghi

Syed Khawar Hussain Shah Shahen Nirari Sharma Yogesh Teena Sharma Luke Peter Simmons Harmit Singh Ganesh Surendran Suresh Suwal Omid Tayefeh

Kanchana Thilakarathna
Karthick Thiyagarajan
Juan F Torres
Patrick Kin Man Tung

Vivek Unnikrishnan Lawrence Wakefield Li Wang Trevor Κ Woolley Yang Xie Chien-Jen Yang Chi Yang Zhiheng Zhao

We have 112 Student Members in NSW

New and Upgraded Associate Members

Tianruo Guo
Jackson Riley Heydon
Nader Jafari
Syed Shaukat Raza Abidi

There are 22 Associate Members of the NSW IEEE

New and Upgraded Affiliate Members

Stephan Chalup William Cox Charles Christopher Duffy Joel Kocherry Ihor Kuz Shenghong Li Naresh Mittal Balaji Naranapatti

Bruce Poon – e-mail <u>adsphere@optusnet.com.au</u> – extracted this data from the IEEE's SAMIEEE data-base, which isn't easy. Converting what comes out into alphabetically ordered lists of names grouped by grades is a lot now easier than it was, thanks to Bruce.



Continue to Receive a Printed Copy of CIRCUIT

CIRCUIT is currently provided electronically from the IEEE NSW Section web site http://ewh.ieee.org/r10/nsw.

Members will be notified by email when a new issue is posted on the Website. Future copies of *Circuit* will only be sent by paper mail on request.

If you require printed CIRCUIT to be mailed to you in 2015 please complete the form below:

Don't bother if you are already getting it by mail.



Patents | Trade Marks | Designs

View our attorney profiles at:

www.adamspluck.com.au

Phone us on 02 9476 0477 to discuss your IP requirements



Suite 3, Level 1, 20 George Street Hornsby NSW 2077

Fax: 02 9987 2405 E: email@adamspluck.com.au

AGM

The AGM will be held on 20 November 2015. The Venue will be advised at a later date. For further information contact: David Tien dtien@csu.edu.au

Nomination Form for one position in the IEEE NSW SECTION (R00509): Executive Officers to be elected by electronic vote; Non-elected positions: Committee Chairs and Others.

NOTE: Chapter and Affinity Group Committee Executive positions are elected by Chapte Members.

1.0 Nomination Form Instructions:

Before completing the form, review the following guidelines for nominating a Candidate

- (a) Nominators must contact their nominee before submitting the form and confirm their acceptance of the time & other commitments required for the position.
- (b) Nominees must have had at least 2 years on the Committee to nominate for the key positions of Section Chair, Vice Chair, Secretary and Treasurer.
- (c) Self nominations require submission of additional information(CV and/or SMIEEE referee)
- (d) If you are nominating for more than one position, separate forms can be submitted.
- (e) Nominations should be emailed to jl.robinson@ieee.org by 31 August 2015.
- (f) Any other queries should be emailed to il.robinson@ieee.org or by phone 9418 8695

Nominee Contact Information

| First Name: | |
|-------------------|---|
| _ | |
| Surname: | |
| IEEE Email or | |
| ILLL LIIIaii Oi | |
| other address | |
| Adduses I less 4. | |
| Address Line 1: | : |
| Address Line 2: | |
| Addiess Line 2. | ' |
| Address Line O | |
| Address Line 3 | |
| | |
| IEEE Member | |
| No | ' |
| | |
| POSITION/S | |
| REQUESTED | |
| | |

Nominator Contact Information First Name: Surname: **IEEE Email or** other address Address Line 1: Address Line 2: Address Line 3 **IEEE Member** No 2.0 Current elected Executive Officers: **Section CHAIR Section VICE CHAIR Section SECRETARY Section TREASURER** Section PAST CHAIR(Previously Elected)

2.1 Section Committee non-elected:

NOMINATIONS & APPOINTMENTS CHAIR

AWARDS & RECOGNITION CHAIR

EDUCATIONAL ACTIVITIES

MEMBERSHIP DEVELOPMENT

NEWSLETTER CIRCUIT EDITOR

PROFESSIONAL ACTIVITIES

STUDENT ACTIVITIES

CONFERENCE COORDINATOR

HISTORIAN

FELLOW SEARCH

WEBMASTER

2.2 Chapter Officers(Elected-Chair, Vice Chair, Secretary & Treasurer)

APO3 Antennas & Propagation; MTT17 Microwave Theory & Techniques Joint Chapter

GRS29 Geoscience & Remote Sensing; ACT/NSW Joint Chapter

C16 Computer Chapter

E25 Education Chapter

EMB18 Engineering in Medicine & Biology Chapter

IE13/IA34/PEL35 Industrial Electronics/Industry Applications/Power Electronics Joint Chapter

CASO4/PHO36/SSC37/ED15 Circuits & Systems/Photonics/Solid-State Circuits/Electron Devices Joint Chapter

SP01/COM19/OE22 Signal Processing/Communications/Oceanic Engineering Joint Chapter

PE31 Power & Energy Chapter

SMC28 Systems, Man and Cybernetics Chapter

DEI032 Dielectrics and Electrical Insulation Chapter

VT006 Vehicular Technology Chapter

2.3 Affinity Groups(Elected)

Life Members

Women in Engineering

Young Professionals

2.4 Others (non-elected)

Assistant Secretary

Assistant Webmaster

Government Liaison and Industry Relations

Continuing Education and Graduate Placement

Teacher/Student Support Program (TSSP) Coordinator

eNotice Co-ordinator

General Committee Member