





The Institute of Electrical and Electronics Engineers, Inc.

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Secretariat

AUSTRALIAN PROFESSIONAL CENTRE PO Box 576 CROWS NEST NSW 1585 Tel: +61 2 94318600

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IEEE NEW SOUTH WALES SECTION ARBN 078 576 495 ABN 34 078 576 495

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Editorial:

This is the eighth newsletter I've edited.

This one is being edited with a newly downloaded copy of the very latest version of Libre Office – 5.2.7.2 - which still doesn't necessarily mean that I'll be able to process .docx submissions – if they come in as .docx, they will get translated to .doc. purely for self-protection. Some of the odder formating quirks of Word can take quite a while to track down and undo.

The run-up to the IEEE Sections Congress at the International Convention Centre of Sydney in August is still under way, and ANZSCON 2017 has accepted a bunch of registrations – I'm treasurer for it purely because I've got access to the relevant bank account in my capacity as ex-treasurer to the section (dignified as assistant treasurer – since I'm retired I can sometimes do things sooner than the real treasurer, who isn't).

Bill Sloman

Chairman's Message

I am pleased to announce that all applications which requested financial support from the New South Wales Section to register for 2017 IEEE Section Congress through a scheme announced in an eNotice have been approved.

A similar scheme to support IEEE volunteers to attend 2017 ANZSCON held in Sydney in August, just before the Section Congress, has been announced.

Details of ANZSCON can be found at http://sites.ieee.org/anzscon-2017/.

Mr Ian Boyd has returned to IEEE NSW Section Committee as the chair of the Computer Chapter. Ian was very active with section activities when he was in the committee last time. Welcome back, Ian!



Karu Esselle, FIEEE NSW Section Chair

Teacher-Student Support Program

The NSW Section has in recent years been very active in promoting the TSSP lesson plans provided by the IEEE Education Activity Board to STEM school teachers This had been done by making contact with the STEM teachers through their state/national Teacher Associations at conferences and other major gatherings. We have introduced over 1000 teachers to the TSSP education resources the IEEE makes freely available to them, and have had about 200 participate in workshops where they were able to use the lesson plan resources as if in a classroom with students.

One conference in 2016 was in Canberra, and the Section was able to work in conjunction with the ACT Section in making our usual presentation. It is hoped the ACT section will continue with the presentations in future years.

We also been to a couple of secondary teacher get-togethers in NSW in 2017 and expect to keep on doing this. There is a move to get more of the US IEEE lesson plans aligned with the Australian secondary curriculum. This does cost money (though not a lot) but it does make the lesson plans more attractive to Australian secondary teachers – not that free lessons plans aren't attractive even if they haven't been aligned.

We are supposed to be manning a desk more or less continuously for a week at the Australian Museum at the same time as the Sections Congress is going on in August. We are being stretched to man all these demands, and are seeking more members to assist in this important initiative. The more volunteers we get to help out the happier we will be.

Please contact Graeme at the e-mail address below

Graeme Gwilliam et al

gb.gwilliam@ieee.org

IEEE 2017 International Symposium on Technology and Society (ISTAS 2017): From Good Ideas to Practical Solutions

10 – 11 August, 2017 in Sydney, Australia

http://ieeessit.org/istas2017/

The SSIT Board of Governors is pleased to announce that the next IEEE International Symposium on Technology and Society (ISTAS 2017) will be held in Sydney, New South Wales, Australia from 10 – 11 August, 2017. The date and location of ISTAS 2017 has been chosen to coincide with the annual IEEE Panel of Conference Organizers (IEEE POCO) event, which will be held Sydney from 7 – 9 August, and the biennial IEEE Sections Congress, which will also be held in Sydney from 11-13 August, 2017.

The theme for ISTAS 2017 – From Good Ideas to Practical Solutions – has been chosen to focus on how we can identify a good technological idea and transition it into a practical solution that delivers real benefits to society. It will bring together scientists, engineers, technologists and scholars from multiple disciplines to hold a dialogue on many technological and societal issues, and collaborate on ideas to develop and utilize innovative solutions to address them.

The main conference will be supported by several workshops and special sessions, including the 10th Workshop on Social Implications of National Security, hosted by the Dr Katina Michael (University of Wollongong), and a Doctoral Mentoring Workshop for PhD Students, hosted by the University of New South Wales.

The website offers a lot more detail – much more than would fit in Circuit.

If anyone is interested in joining us, or keeping up with SSIT events, please contact me at lyria@unsw.edu.au.



Lyria Bennett Moses, Chair, SSIT Australia

Nomination Form for one position in the IEEE NSW SECTION

Section Executive Officers to be elected by electronic vote (by the Members); **Elected positions** by Chapters and Affinity Groups (Chair/Vice

Chair/Secretary/Treasurer);

Non-elected positions (appointed Officers).

Closing date Wednesday 31 August 2017 midnight

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

Nomination Form Instructions:

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

- (a) Nominators must contact their nominee before submitting the form and confirm their acceptance of the time & other commitments required for the position.
- (b) Nominees must have had at least 2 years on the Committee to nominate for the key positions of Chair, Vice Chair, Treasurer and Secretary.
- (c) Nominees for Section Executive positions should be Senior Member or higher
- (d) Self nominations require the submission of additional information e.g. CV or SMIEEE referee
- (e) If you are nominating for more than one position, separate forms should be submitted.
- (f) Please note the closing date, completed forms to be emailed to:

Greg Andrews

Email: greg@computer.org

or snail mailed to PO Box 114, French's Forest NSW 1640

Nominee Contact Information

First Name :
Surname :
IEEE Email or
other address :
Address Line 1 :
Address Line 2 :
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. :





invites all IEEE members with an interest in Student Branches, Young Professionals and Women in Engineering groups to participate in



Student and Young Professionals Congress 10-11 August 2017

Develop Leadership Capability & Meet the IEEE President and CEO



For more information and registration, visit:

http://sites.ieee.org/anzscon-2017/



Location:

University of Technology, Sydney (UTS) New South Wales, Australia

UNSW ELSOC and TWEET Industry Night 5 April 2017

Industry Night 2017 was held in the Leighton Scientia Hall, John Niland Building and was attended by well over 300 Graduate and Postgraduate Students. With around thirty participating organisations this year's event was bigger than ever and built on the success of previous years. I am pleased to say that IEEE has been involved with Industry Night since the first event in 2014.

The event was opened by Prof Julian Epps with welcoming remarks also by Thomas Welsh of ELSOC (Electrical Engineering and Telecommunications Society UNSW).

Participating organisations included Schneider, Silanna, Nothrop, RCR, ADF, Dolby, ERICSSON, Finisar, Imagination, Cochlear, OSI, The IET and IEEE NSW Section amongst others. For a full list of participating organisations see

https://www.engineering.unsw.edu.au/electrical-engineering/all-events/annual-eet-industry-night

Industry Night is intended to give organisations the opportunity to discuss with students career paths, internships, skill requirements, work opportunities and requirements as well as to answer employment related questions. Students can interact with potential employers and gain valuable insights into employment prospects as well as career advice. Engineering students are required to complete a minimum of ninety days of industry experience in order to obtain their Degree. Anyone interested in employing students please contact Ray Brown or myself.

The IEEE NSW Section was represented by Georgios Konstantinou, Bill Sloman, Colin Elston, Ray Brown and Tony Zaglas. Prof Jinhong Yuan FIEEE and Dr Toan Phung visited the IEEE NSW desk. If your organisation is interested in participating in future events or is looking to employ students you can contact Ray Brown or me.





Thomas Welsh and Prof Julian Epps

Dr Georgios Konstantinou, Tony Zaglas, Colin



Dr Georgios Konstantinou. Dr Bill Sloman and Colin Elston

After the exhibition interested participants(organisations and students) attended a BBQ on the Globe Lawn.

I would like to congratulate all the UNSW ELSOC and TWEET volunteers for an excellent event and thank all the participating organisations. Many thanks to Prof Julian Epps, Dr Tim Moors and UNSW for inviting IEEE NSW Section to participate in the event. Also a special thanks to Thomas Welsh of ELSOC and Maddison Dunster of TWEET for their hard work and their assistance.

Tony Zaglas
IEEE NSW Section Awards and Recognition Chair



A new IEEE chapter in NSW

The IEEE Instrumentation and Measurement Society (IMS) New South Wales Chapter was approved on 21st June 2017.

The New South Wales branch has 25 IEEE IMS members.

Prof. Subhas Mukhopadhyay (Subhas.Mukhopadhyay@mq.edu.au) of Macquarie University took the initiative in setting up the chapter. He contacted the IEEE IMS NSW members and persuaded enough of them to sign the petition to allow the IEEE IMS NSW chapter to go ahead on 9th May 2017.

The chapter has now been officially been approved. The opening ceremony of the chapter is planned to be held on July 20, 2017 at Macquarie University. The executive committee members will be chosen then and there will also be a talk by a Distinguished Lecture from the IEEE IMS.

Prof. Subhas Mukhopadhyay is also organising the 11th International Conference on Sensing Technology which is going to be held at Macquarie in November – see below for the flyer, carried over from the March Circuit.

For more information please contact Prof. Subhas Mukhopadhyay Subhas.Mukhopadhyay@mq.edu.au





IEEE IMS NSW Chapter

IEEE IMS NSW Chapter would like to invite you to the opening of the Chapter on 20th July with the following details.

Details of the schedule for the evening:

Date: July 20, 2017

Venue: Building E6B 149, Macquarie University, North Ryde

Time: 6.0pm for 6:300pm start

6:30pm to 7:0pm: Executive committee, IEEE IMS Briefing

7:00pm: DL talk by Prof. Andrew Taberner, IEEE IMS Distinguished Lecturer

Title of the talk: Measurement and Instrumentation at the Tissue: Machine interface

Abstract: Biomedical Instrumentation is designed to provide clinicians, scientists and consumers with useful information about the performance and properties of the human body in health and disease. In many applications in medicine and biology, scientific instruments and medical devices operate at the interface between the "soft" world of living organisms and biological substances and the "hard" world of measurement and actuation systems. The development of such instruments and devices requires the designer to draw from and master a wide range of techniques and tools that span biology, chemistry, materials science, optics, mechanics, mathematics, electronics, and computing.....etc.....

http://ieee-ims.org/education/distinguished-lecturers-program

All welcome Light snacks and refreshments will be served

Contact: Prof. Subhas Mukhopadhyay, Subhas.Mukhopadhyay@mq.edu.au, Mob: 0421474818

CIGRE CIDER 2017 – Technically Co-sponsored by IEEE Power & Energy Society (PES)

The 2nd edition of the Conference on the Integration of Distributed Energy Resources (CIDER) for the Asia Pacific region will be held in Rydges World Square, Sydney, in the 15 and 16 August 2017. CIDER is organised by the CIGRE Australia C6 Panel, Distribution Systems and Dispersed Generation, and technically co-sponsored by the IEEE Power and Energy Society (PES). Further information can be found at

:http://cigreaustralia.org.au/cigre-events/cider-2017/

IEEE PES T&D 2018

The IEEE PES T&D Conference and Exposition will take place in Denver Colorado from the 16th to the 19th of April 2018. The Conference and Exhibition attracts leading companies and individuals from around the world to take part as both exhibitors and attendees. Further Information can be found at:

www.ieeet-d.org/IEEE18/public/enter.aspx

University of Wollongong PES Student Chapter Lecture

The PES Student Chapter at the University of Wollongong hosted a technical seminar on "Lightning Phenomena, Effects and Protection" from distinguished speaker: Prof. Rohan Lucas, Emeritus Professor of Electrical Engineering of the University of Moratuwa, Sri Lanka. The event was well attended by students and staff members of UoW. More photos of the event can be found at:

https://www.facebook.com/pg/IEEE-PES-UOW-Student-Chapter-154209421457060/photos/?tab=album&album id=652526454958685





Contributed by Georgios Konstantinou < g.konstantinou@unsw.edu.au>



Current list of the proposed Joint Institutions Lecture Series.

The lectures are normally on 2nd and 4th Thursday of the month.

July 13, 2017 Cancelled

July 27, 2017 Jeff Apcar, Distinguished Engineer, CISCO Systems

LPWA: Giving a Voice to Things (EA)

August 10, 2017 Dr Paul Kay - Electromagnetic Test, Air Warfare Engineering Squadron, Air Warfare Centre, RAAF

Electromagnetic Compatibility for Gen Y-Fi: Interference to Digital Communications (IEEE)

August 24, 2017 Siemens - Mobility Stephen Baker Monitoring products (IET)

September 14, 2017 Not proposed yet

September 28, 2017 Edward Farrell

Advocatus Diaboli: Introducing adversarial thought into engineering (IEEE)

October 12, 2017 David Stuart-Smith / Neal Hook Tentative to be confirmed

Re-Thinking the Design of the Ubiquitous Pole Mounted Substation – a 21st Century Design (IET)

October 26, 2017 Not proposed yet (EA)

November 9, 2017 Vincent Yu

All Accessible Australian Geo-Location Search Engine Smart Phone App created by People with Intellectual Disability (IEEE)

November 23, 2017 Young professional event? IEEE has requested this date for a power DL change to be to confirmed.

Contributed by Colin Elston - talbingo@optusnet.com.au

New and upgraded Members of the NSW branch of the IEEE

Fellows and Life Fellows

There are no new fellows or life fellows to report in this issue of Circuit

Life Senior Members

We have one new (or upgraded) Life Senior Member.

Chee Yee Kwok

Senior Members

We have seventeen new (or up-graded) senior members.

Robert	A	Barr			
Saul	S	Carroll	Kate	K	Carruthers
Haiping		Du	Liang		Gong
Ali	Reza	Heidari	Francesca		Iacopi
Ghassan		Kbar	James	A	Lawrence
Seung	Jin	Lee	Richard	Scott	Morrison
Weidong		Su	Jonathan	C	Tapson
Holly		Tootell	Stefan	В	Williams
Ping		Yu	Luping		Zhou

Members

We have one hundred and fifty-eight people who are new members or have been upgraded to member status. Dr. Mahmoud Elkhodr is currently our webmaster, but he's now getting busy enough to have to start passing on the responsibility. That's what we like to think happens when you get to member status.

Chula		Abeysirinarayana	Mohammad			Ahmadi
Jeff	I	Allom	Varun	Vinod		Arur
Stephanie		Ascone	Mohsen			Bakouri
Timothy	J	Batten	Stephen			Bignucolo
William		Boyer	Philipp			Braun
Paul	P	Breen	Lijun			Chang
George	James	Chengadakary	Yin Tat	Peter		Chiu
Peter	Sean	Coman	Dean	A		Cooper
Richard		Corkish	Peter			Curran
Rakesh	C	Dahiya	Lakshitha	I	N	Dantanarayana
Nghia	T	Dao	Jeremy			Davis
Jonathan		East	Calvin	Drumi	mond	Eiber
Mahmoud		Elkhodr	Glen			Farivar
Ian	В	Farquhar	Andrew	J		Fleming
Linlin		Ge	Douglas	Roy		George
Mark		Gervasoni	Pradip	K		Goon

Navin K	lumar	Gopal Rajadurai	John		Graham
Vincent		Gramoli	Tianruo		Guo
Ferhat		Hajdarpasic	Mohammad	Nazmul	Haque
Ryan	D	Harm	Johny	Sarkis	Hawy
Ying		He	James	C	Herbert
Doan	В	Hoang	Ashley		Horne
Nicholas		Hoyle	Thomas	Xian Hua	Huang
Mao	Lin	Huang	Alicia		Hue
	harles	Hunt	Farookh	Khadeer	Hussain
Madhuka		Jayawardhana	Mohamed	Ali Dali	Kaafar
Saadullah		Kalwar	Konstantinos		Karagiannopoulos
Djurica	S	Karan	Sisira Soori	va Bandara	Karunaratne
Vellimalai		Karuppanan	Hiroko	3	Kato
Manolya		Kavakli	John	Wade	Kearney
Jon		Keeble	W	,,	Keerthipala
Marcus		Khan	Arash		Khatamianfar
Say	Н	Khor	Chul		Kim
Andrew	J	Kleinert	Allya	Paramita	Koesoema
Haye	· ·	Lau	Dong-Hoon	I uI uIIII u	Lee
Ganghee		Lee	Weihua		Li
Rongxin		Li	William		Lin
Ashkan		Lohrasby	Iain	F	Macgill
Hugh		Macready	Andrew	J	Madry
Gordon Jos	enh	Malouf	Bill	3	Marlow
Stefan	Срп	Martin	Roberto	Martin	ez-Maldonado
Gregory	R	Maslen	David	J	Mckenzie
Andrew	N N	Mears	William	Thomas	Monks
William	11	Morgan	Michael	John	Moulton
Luke		Murphy	Nathalie	JOIIII	Nakhle
German		Olivares	Hye-Young		Paik
Anthony Du	hravko	Palechek	Ian	M	Palmisano
Yasmeen	Naz	Panhwar	Zorba	Jeremy	Parer
Jigesh	IVaz	Parneria	Robert	I	Paton
Zandra	M	Pavicic	Brent	J	Pawlik
Ben	171	Perdriau	Oscar	R	Pizarro
Mukesh		Prasad	Heath	Ross	Raftery
Md Mahbub	llr	Rahman	Fahimeh	RUSS	Ramezani
Scott	N	Reeves	Roozbeh		Reghabi
Robert	11	Riede	Paul		Rimba
Serge		Rozentsvet	Scott		Russell
Mitra		Safavi-Naeini	Abhish		Saha
Ryan		Schlegl	Kah	Phooi	Seng
Rajan		Shankaran	Zhan	1 11001	Shi
Santosh		Shrestha	Trevor	A	Smith
Stephanie	L	Smith	Edward	A	Smith
Alonzo	Daniel		Ian		Stevens
Gordon	Niall	Sparkes Stevenson	Ronald	Buenaflor	Suello
Terrence	J		Nazifa	Duellallol	Tahir
	J	Summers			
Victor Mork		Tam Teoh	Cheng		Tan Tian
Mark Michael		Towke	Hongda David	K	
Tu		Tu			Triggs Tuan
	Vazzin		Hoang Satyayani	Duong	
inalika I	Navin	Ulapane	Satyavani		Varanasi

Runchun Wang Haiming Wang Xiaoyang Wang Xun Wang Alison Wenham Dean J Wild Wai-Lun J Wright A Woo Douglas Xiwei Dianshuang Wu Xu Xuan Yan Xu Junyu Lei Yang Yang Yi Xiaoke Xi Yu Yi Yu Tieling Zamani Mohsen Zhang Zheng Zolfaghari Rongkun Reza

Life Members

We have no members who have moved into the life member category to report in this issue of Circuit

Graduate Student Members

We have 145 new graduate student members.

Mahmoud Saeed Dimitrios Hassan Roumani Muntadher Abdulrahman	Abduljabbr Milad Saadi Hasan	Abdolhoseini Afshar Agiakatsikas Al-shanawah Alabd Ali Alqahtani	Khandakar Shamita Navid Ashfaq Muneer Mohammad Yousef Salem Nour Pasindu Dissan	Afrin Aghanoori Ahmad Al-Zubi Alharbi Aljabali Aluthwala
Peter		Anderson	Hamdan	Awan
Alpha David		Bah Bandi	Roky Meriam Gay Valende	Baidya Z Boutisto
Sanat	Kumar	Biswas	Bishoy	Botros
Mounir	Kumai	Boudali	Ross Donald	Bowden
Joshua		Brown	Annette	Burke
Stuart	Robin	Burns	Emerson	Cabrera
Zehong		Cao	Shu Lin	Chen
Xi		Chen	Hao-Chung	Cheng
Mohammad	Hossein	Chianei	Andrew James	Cook
Michael		Dear	Xuanyi	Dong
Ali		Dorri	Zheyuan	Du
Warunika	Sithumini	Ekanayake	Muhammad	Emzir
Xiaochen		Fan	Gilad	Francis
Jiahe		Fu	Rui	Geng
Jaysson	Esteban	Guerrero Orbe	Ruili	Guo
Navid		Haghdadi	Rashid Hameed	Hejeejo
David		Henry	Le Phuong Thao	Но
Zhanwei		Hou	Yunkai	Hu
Yining		Hu	Ruixin	Huang
Mohd	Noor	Islam	Francia	Jimenez
Marcel		Julliard	Thisandu Dulhara	Kahingala
Namalka	Dilhara	Kananke Liyanage	Usman Ali	Khan
Komal	Saifullah	Khan	Abhishek	Kumar
Ben		Kwaku	Ali	Lalbakhsh
Shuai		Li	Xiaoshuai	Li

Wenxing Li Shusen Liu Liu Bin Xian Long Shenqi Simon Luo Lu Tran Quynh Rui Ma Ly Zahra Malekjamshidi Majid Malekpour Amin Malekpour Paul J Mcmahon Nguyen Philippe Morere Tham Niyetkaliyev Chau Thi Minh Nguven Aibek S Okoli Samoda Lakshitha Okanda Gamage Jude Emeka Osman Pan Ilham Pingbo Pastor James **Emil Laurence** Phung Alireza Pouramin Aiswarya Pradeepkumar Raghuvanshi Oiu Digvijay Singh Min Rajabi Shahriar Rahman Amin Rajitha Madhushan Ranasinghe Tianrong Rao Arunkumar Rathinam C.M.F.S. Reza Roxby Daniel Ninio Nadi Sadr Sanhueza Claudio Kaveh Sarrafan Shabani Varaki Elham Yanyan Shen Andrew Arunan Sivanathan Short P Ryan Sullivan Kaiwen Sun Jisha Sunny Manjaly Suriadjaja Stephanus Wirya Luke Wicent Madhumita Abhijeet Takalkar Sy Teo То Yik Ren Alexander Yiet Thang Tran Bogdan Vatulya Vishwanathan Vu Aditya Dao Wang Ruxin Wang Oian Guanjin Wang Xin Wang Wei Zhiqiang Eric Wei Harith Wickramasinghe R. Cameron Wong Shannon James Wood Kanzhi Wu Wu Chixin Xiao Di Xiangyu Xiao Yuanxin Xie Jiajia Yang Yazhou Yao Yuehua Yu Liang Yuan

Fujin Alex Zyner

Associates

Yuchen

Shuran

Rui

We have five new associate members

Steve Abbott Peter J Briede Katryna Dow Simon Kocbek

Zhang Zhang

Zheng

Zhu

Hongyun

Haida

Yifan

Zili

Zhang

Zhang

Zhou

Zuo

Daniel Sando

Affiliates

We have six new affiliate members

Madhu		Alasyam	David	Sean	Henry
Franz	Thomas	Maier	William		Pickup
Brian		Stasak	Fan		Zhan

Student Members

We have sixty new student members.

Sanaul		Abedin	Andrew	Agnew
Chad		Ajamian	William	Andrew
Alastair		Bate	Nick	Bronnikov
Mingshen		Cai	Rafael Cabral	Carvalho
Andrew		Chacon	Akrit	Chand
Quynh	Ngoc Thuy	Do	Homa	Edalatifard
Darren		Fisher	Will	Gilbert
Emanuel		Gomes	Vic	H
Shezan	Ehsanul	Haq	Thomas	Harding
Yilun		He	Torstein	Holth
Mohammad	Sazzad	Hossain	Andrew	Jack
Muhammad		Jafer	Antony Marishan	Jeganathan
Naveed	Aziz	Khan	Carl	Kleinschmidt
Shumin		Kong	Bryan	Liu
Anjin		Liu	Ziyu	Liu
Kelly		Lynch	Shahriar Md.	Mostak
Thomas		Meggitt	Aung Kyaw	Min
Dolphin		Mrt	Mahendra	Pokhrel
Md. Anisur	•	Rahman	Lumanis Shaygul	Rasha
Hanzhen		Ren	Michael	Restuccia
Md. Zilhaj	-un-Noor	Sajid	Prokash	Sarkar
Johannes Hen	drik Theodorus	Schreuder	Safwan	Shaikh
Mohammad	Mousa	Shalby	Minjie	Shen
Najah		Shukur	Adam Christopher	Smallhorn
Yuxiang		Sun	Joaoa Bosco	Toledo Junior
Abu	Noman	Tusar	Jun	Wang
Chester		Wang	Shuhui	Yang
Bin		Ye	Md. Tanvir	Yeasin
Henry Wing	Fung	Yeung	Lijie Ricky	Yu
Hua	-	Zhang	Pengqiaodan Jordan	Zheng
			-	-

Dr. Bruce Poon – e-mail adsphere@optusnet.com.au – 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 now a lot easier than it was, thanks to Bruce.



Circuit is currently provided electronically from the IEEE NSW Section web site http://sites.ieee.org/nsw/newsletter/

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 Circuit to be mailed to you in 2017 please complete the form below: Don't bother if you were already getting it by mail in 2016.

Please Detach		

Yes, I want to continue	receiving future	e editions of <i>Circuit</i> by post		
Name:				
Member No:				
Address:		Postcode:		
Tel:				
(H)(W)	(M)	FAX		
Èmail:				
Post to: Bill Sloman, Circuit Editor, Unit 60, 1Tewkesbury Avenue, Darlinghurst NSW 2010				
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