



QUEENSLAND SECTION

THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS INC.

ARBN 078 576 495

Dr. Garry Einicke, IEEE QLD Chair	Dr. Ghavam Nourbakhsh - IEEE QLD Secretary
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Minutes of Meeting held on April 12th 2016
Venue: UQ General Purpose (South) Building, Room 78-421

Office	Attendance	Present	Apology	Absent	Via Skype
Chair	Garry Einicke	X			
Vice Chair	Daniel Eghbal	X			
Secretary	Ghavam Nourbakhsh	X			
Treasurer	Mike Robinson	X			
Immediate Past Chair	Tapan Saha	X			
Newsletter Editor	David Russell	X			
Webmaster	Mike Robinson	X			
Professional Activities	Dian Tjondronegoro			X	
Membership Development chair	Yateendra Mishra				X
Awards & Recognition	Preethi Chandra				X
Student Activities Chair	Jaroslav Krata	X			
Educational Activities Chair	Kalum P. Udagepola				X
Engineers Australia Liaison	Tapan Saha	X			
TISP	Mike Robinson	X			
Women in Engineering (Chair)	Marie Luise Wille	X			
Women in Engineering (Vice chair)	Negareh Ghasemi	X			
Women in Engineering (Secretary)	Alexandra Posoldova	X			
Aerospace and Electronic Systems Chapter (Chair)	Robert Kennedy		X		
Aerospace and Electronic Systems Chapter (VC)	Ken Morris				X
Aerospace and Electronic Systems Chapter (Sec)	<i>Vacant</i>				
Computational Intelligence Chapter (Chair)	Amin Gharipour				X
Computational Intelligence Chapter (VC)	Andrew Lewis		X		
Computational Intelligence Chapter (Sec)	Zahra Jadidi			X	
Computational Intelligence Chapter (Treasurer)	Alan Wee-Chung Liew			X	
Computer Chapter (Chair)	Tomasz Bednarz			X	
Computer Chapter (VC)	Ruslan Puscasu			X	
Computer Chapter (Sec)	Jingxin Xu		X		
Computer Chapter (Treasurer)	Mike Robinson	X			
Control Sys/Robo & Auto Chapter (Chair)	Luis Mejias Alvarez		X		
Control Sys/Robo & Auto Chapter (VC)	Navinda Kottege		X		
Control Sys/Robo & Auto Chapter (Sec)	<i>Vacant</i>				
Engineering in Medicine & Biology Chapter (Chair)	Mohanraj Karunanithi				X
Engineering in Med & Biology Chapter (VC)	Qing Zhang		X		
Engineering in Med. & Biology Chapter (Sec)	Yan Li			X	
MTT/AP Chapter (Chair)	Konstanty Bialkowski				X
MTT/AP Chapter (VC)	Antony Lui	X			
MTT/AP Chapter (VC)	Morteza Shahpari				X
MTT/AP Chapter (Secretary)	Mostafa Shahbani		X		
Power & Energy Chapter (Chair)	Nilesh Modi		X		
Power & Energy Chapter (VC)	Rahul Sharma		X		
Power & Energy Chapter (Secretary)	David Batterham	X			
Signal Pro & Comms Chapter (Chair)	Andrew Bradley		X		
Signal Pro & Comms Chapter (VC)	Vaughan Clarkson		X		
Signal Pro & Comms Chapter (Sec)	<i>Vacant</i>				
Social Implication of Technology Chapter (VC)	Kieran Tranter		X		
Young Professionals Affinity Group (Chair)	Alexandra Posoldova	X			
Young Professionals Affinity Group (VC)	Reuben Peterkin	X			
Young Professionals Affinity Group (Sec)	Rob Makaremi		X		
Young Professionals Affinity Group (Treasurer)	Hamid Amini Moghadam		X		
Student Counsellor QUT	Mark Broadmeadow				X
Student Counsellor UQ	Rahul Sharma		X		
Student Counsellor UQ PES	Tapan Saha	X			
Student Counsellor GU-GC	Jahangir Hossain				X
Student Counsellor GU-Nathan	Sascha Stegen	X			
Student Counsellor USQ	<i>Vacant</i>				
Student Counsellor CQU – Brisbane	Sangeetha Kutty				X
Student Counsellor CQU – Rockhampton	Edward Palmer				X
UQ Student Branch Chair	Jeremy Taylor	X			
UQ Student Branch (VC)	Michael Broe			X	
UQ Student Branch Treasurer	<i>Vacant</i>				
UQ PES Student Branch Chair	Hanxiao Zhang		X		



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UQ PES Student Branch (VC)	Lakshitha Naranpanawe		X		
UQ PES Student Branch Secretary	Xinren Marcus Jiang		X		
GU-GC Student Branch Chair	Reza Akbarzadeh Sohi	X			
GU-NC Student Branch Chair	Mojtaba Moghimi	X			
GU-NC Student Branch (VC)	Nazanin Nadian	X			
GU-NC Student Branch (Sec)	Arslan Akram Nizami	X			
GU-NC Student Branch (Treasurer)	Domagoj Leskarac	X			
Australian Oceanic Engineering Chapter	Navinda Kottege		X		
IEEE HKN Chair	<i>Vacant</i>				



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Number	Item	Action	Actioned
Chair: Garry Einicke opened the meeting with welcoming the members			
1.0	Attendance and apologies.	As noted	Secretary
2.0	Confirmation of agenda.	Moved by Ghavam and seconded by Daniel	
3.0	Acceptance of minutes of the last meeting.	Moved by David and seconded by Louis.	
4.0	Business arising from the last meeting.	No items were reported.	Chair
5.0	Committee Coordination – Section Chair.		
6.0 Reports from the Section Committee			
6.1	Chair	<ul style="list-style-type: none"> - Nominations are now invited for IEEE MGA Outstanding Section Awards - The Sections Congress will be held in August 2017. The Primary Delegate will receive funding form IEEE MGA to attend the Sections Congress in Sydney. - The upcoming Membership Development Webcast scheduled for Friday, 22 April 2016 at 10:00AM Eastern (New York) or 14:00:00 UTC. - This is to inform that the 2015 IEEE Annual Statistics report is now available on the IEEE website at: https://www.ieee.org/membership_services/membership/statistics/annual_statistics_index.html - Data is as of 31 Dec 2015. - Call for proposals are now being invited for 2016 IEEE Region 10 WIE Support fund. - The R10 Membership Development Committee invites the Sections to submit their membership development activity plans for the 2015 R10 MD incentive grants. The activity plans submission deadline - 30th May 2016; all proposed MD activities must be 	Garry

		<p>completed by 31st July 2016 and notification of incentive grants awarded will be announced on 30th September 2016.</p> <ul style="list-style-type: none"> - There is a call for Proposals for IEEE R10 SAC Chairs, Counsellors and Mentors Meet 2016. This is aimed at improving communication between SAC Chairs and Counsellors of various Sections and providing a platform for discussion of ideas to improve student activities in Councils, Sections and Student Branches. - Revisiting a missed item; Payment for remaining share (\$271) of the Norgard DL visit of 2015. This approval was not mentioned in the minutes before. This was approved before and now it is seconded by Tapan. 	
6.2	Vice-Chair	<ul style="list-style-type: none"> - Proposed a funding request form for all chapters and affinity groups. The section supported the proposal and the form will be available on the section website. All chapters and affinity groups are required to fill out the form before organising events that require funding support from the section. - All chapter and affinity group chairs were previously asked to gather information on awards and funding scheme from their parent societies and R10. All were reminded to finish this task by next meeting. - Following the Australia Council meeting in Bangkok, section vice-chair tabled the proposal for two Australia Council face-to-face meetings per year. Tapan (Current AC chair) also supported the proposal. Estimated budget is return tickets and maximum one night of accommodation (\$400 + accomodation) This is subject to approval from other Australian sections and will be be discussed in the next Australia Council in May. QLD Section approved the proposal in principal and this will be reviewed annually based on the section finance and feedback from the face-face meetings. 	Daniel
6.3	Immediate past chair report (plus Engineering Australia report)	<ul style="list-style-type: none"> - Proposed to sponsor the Electrical Fraternity Dinner; 23rd June 2016 event with \$500, like previous years. Alex approved and Tom seconded it. - Proposed to send a team of 10 from the IEEE QLD Section with fifty percent discount (as we did before) on a first come first serve basis, for attending Electrical Fraternity Dinner; 23rd June 2016. - Proposed to form a committee led by Garry and Daniel in preparation for the IEEE Section congress in Sydney, August 2017. - Garry and Daniel to provide feedback on IEEE Australia Council by-laws. 	Saha



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6.4	Secretary	No items were reported.	Chair
6.5	Treasurer	<p>The financial reports for March 2016 were broadcasted to all committee members. Items of note are:</p> <ul style="list-style-type: none"> - A donation of \$13,238.00 from the APPEEC conference. Thank you APPEEC team! - A small IEEE rebate - \$255.65 - for recruiting lots of senior members during 2015. Thank you Daniel Eghbal for that initiative. - The treasurer moved that \$10,000 be moved from the Everyday account to create a new term deposit. Daniel Eghbal seconded the motion and it was passed without dissent. 	Mike Robinson
6.6	Awards & Recognition	<ul style="list-style-type: none"> - People from retiring volunteers have been identified for 2015 Awards for recognition of service and the list was checked & approved by present Chair. Then a request for voting for the 'Outstanding contribution' & 'Volunteer of the year' awards was circulated to the last year committee. The deadline for voting is 19th of April and Preethi will circulate a reminder in a day or two. Preethi will compile the nominations and count the votes after 19th and will finalize the awards list. 	Preethi Chandra
6.7	Professional Activities	No report	
6.8	Student Activities	Jaroslav is working to prepare a list of student members at each QLD university	
6.9	Membership Development	<p>No report.</p> <p>Yattendra to prepare a proposal for the R10 MD funding before 30 May</p>	
6.10	Educational Activities	<p>The last event was atechanical seminar at UQ with poor attendance.</p> <p>No activity is planned for future. Kalum asked chapter chairs to submit proposals for organising events to R10 through Educational Activities chair.</p>	
6.11	<p>Newsletter Editor</p> <p>The URL for the July newsletter is: http://tinyurl.com/nkjc6bm</p>	<ul style="list-style-type: none"> - The newsletter was issued in April. Thanks to all those who contributed. - Need to confirm at tonight's meeting the target for the next newsletter. 	David Russell
6.12	Webmaster	"Resource" section in the website was updated with new forms and guidelines.	
6.13	TISP	No report	
7.0	Student Chapter Activities		
7.1	UQ Student Chapter	No report	
7.2	PES Student branch at UQ	<ul style="list-style-type: none"> - My PES UQ SB has started planning for a career event for Bachelor, Master and PhD students who are interested in working in Power and Energy industry. More details to 	Hanxiao Zhang



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		come and we hope to get support from the professionals in our committee.	
7.3	QUT Student Chapter	<ul style="list-style-type: none"> - Active IEEE student members of QUT chapter have been identified via SAMIEEE and contacted calling for nominations to fill committee positions. A number of expressions of interest were received. I am in the process of organising a formal collection of nominations and election of the committee members. Intend to have confirmed committee members and re-established an active QUT student chapter prior to next month's meeting. 	Mark Broadmeadow
7.4	GU (Nathan) Student Chapter	<ul style="list-style-type: none"> - An email for the student branch has been created: IEEEENathan@griffith.edu.au - The new Facebook site for Griffith University Nathan can be found here: https://www.facebook.com/Griffith-University-IEEE-Student-Branch-Nathan-1072433656128640 - We are having a student recruitment event at Nathan campus on Tuesday 19/04/2016 - A budget of maximum AU\$ 200 were approved to spend on this event 	Sascha Stegen
7.5	GU (Gold Coast) Student Chapter	<ul style="list-style-type: none"> - The IEEE Student Branch at Griffith University Gold Coast Campus has had a great start to the academic year by so far holding a requirement event, technical information session and a networking event in March: - Meet and greet promotional activity, speaker head of EE Dr. Seagar (March 14), - Technical seminar on adventures in communications industry by; Prof. Olivier of univ. of Tasmania (March 17), - "Know your industry" networking event by; Dr. Eghbal of Energex, Mr. Bull of Noja Power, Mr. Aucone of LEDTEK, Mr. Shepherd of Qld academy of sport and Mr. Pessoa of Siemens (April 5). 	Reza Akbarzadeh
7.6	CQU (Brisbane) Student Chapter	<ul style="list-style-type: none"> - I would like to inform we had a successful IEEE student branch promotion at Brisbane campus on March 21st Monday with Pizza lunch. We had Mike Robinson joining us with the promotion. We had over 10 students registering. Unfortunately, whenever I tried to provide the referral name they couldn't get through the system and receiving the error message that "recruiter customer number_ IEEE are not compatible" as attached. I would need assistance in fixing this issue. I have contacted Mike Robinson and Ed Palmer regarding this issue. Unfortunately, they couldn't provide any assistance. - Also, we are organising a Seminar on Responsive Web design on Wednesday April 20th by Mike Robinson in Brisbane campus co-sponsored by ACS. Please see the attached flyer. We are planning to have monthly member meetings for our IEEE members in campus. However, I am unable to find all the students who previously were IEEE 	Sangeetha Kutty



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		members in our campus. So, would need details of all the members.	
7.7	CQU (Rockhampton) Student Chapter	<ul style="list-style-type: none"> - A recruitment drive in the form of a pizza lunch was held on 16 March. It was well attended with about thirty 2nd and 3rd students in attendance. A brief talk on the benefits of IEEE membership was given and three students paid \$10 to me in order to take advantage of the section discount. - There is some confusion over how to sign these students up on line which I would like clarified at the April 12 section meeting. The IEEE website does not seem to have a link to allow student counsellors to sign up students on their behalf. - The cost of the function was \$187.55. Copies of the receipt were sent to the Treasurer to claim reimbursement. 	Ed Palmer
7.8	USQ Student Chapter		
8.0	Chapter and Affinity Groups		
8.1	Aerospace & Electronics Systems	<ul style="list-style-type: none"> - Still working on the same 2 lectures as last month. - Aerospace and Electronics Systems Society (AESS) is holding an lecture event on GBAS (Ground Based Augmentation System) which uses GPS technology for an approach aid to airport runways. This system replaces a very old Instrument Landing system technology known as ILS. The event is planned for the 5th May at 4pm @ QUT and delivered by Gordon Young of Airservices Australia. Room to be advised through Luis Mejias Alvarez and Robert Kennedy shortly. More introductory information on GBAS (marketed as SmartPath) can be found at http://www.airservicesaustralia.com/projects/ground-based-augmentation-system-gbas/ 	Robert Kennedy & Ken Morris
8.2	Computational Intelligence	<ul style="list-style-type: none"> - A seminar: "making Sense of Spatial Trajectories" is organized in April. Speaker: Prof Xiaofang Zhou. 	Zahra Jadidi
8.3	Computer Society	<p>Mike Robinson reported that the CS chapter discussed the following items on April 5th:</p> <ul style="list-style-type: none"> - Jingxin Xu would begin proceedings to establish a CS student branch at QUT. - The chapter would attempt to have a technical meeting every two months, beginning with a lecture on Responsive Web Design at CQU Brisbane on April 20th. - Tomasz Bednarz would seek IEEE endorsement for the Big Data Analytics symposium planned for November 2016. 	Mike Robinson
8.4	Control Systems/Robotics & Automation	<ul style="list-style-type: none"> - Distinguished Lecture by Prof. Ronald C. Arkin. The lecture was held on Friday 11 March at the QUT Gardens point campus. We had an attendance of approx. 10 (non-IEEE) and 18 (IEEE). The details of the event are in the L31 report. 	Luis Mejias



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8.5	Engineering in Medicine & Biology	No report	
8.6	Microwave Theory & Techniques/Antennas & Propagation	<ul style="list-style-type: none"> - For the MTT/AP chapter we have submitted our funding requests to our parent organizations. Both have been approved. - We have also planning a number of seminars for the next 3 months. No set dates yet though. 	Konstanty Bialkowski
8.7	Power & Energy/DEIS	<ul style="list-style-type: none"> - Tapan reported that IEEE APPEEC 2015 conference organised by QLD PES chapter, has made a \$48000 USD surplus and transferred it to IEEE. As per original proposal, \$10,000 USD was deposited into QLD Section account. All chapters and affinity groups are encouraged to organise international conference and events as a revenue stream. - Power Semiconductor Devices: Key Enabling Technology for Future Power Electronic Systems 22nd March 2016. Speaker: Leo Lorenz, Technology Advisor, Infineon Technologies Munich, Germany - Wind Generation and their Grid Connection (This was IEEE DL) 8th April 2016. 11:30 AM – 1:00 PM. Speaker: Prof. Janaka Ekanayake, University of Peradeniya, Sri Lanka. - Large Scale Renewable Generation for Queensland 15th March 2016. Speaker: Andrew Deme, General Manager Network Development, Ergon Energy - We are now accepting application for conference travel prize. The last date is 22nd April. We need one volunteer to moderate the applications. Last year Garry moderated it for us. So he knows the process. It essentially involves having a brief look at the paper, peer review report, adviser's report and paper presentation. We need to complete moderation between 22nd April and 10th May with aim to announce winner on 15th May. 	Nilesh
8.8	Signal Processing/Communications	No report	
8.9	Social Implications of Technology	No report	
8.10	Young Professionals	<ul style="list-style-type: none"> - Past event - Leadership for young engineers (L31 report submitted) - Future event - All you need to know about Big Data 27th of April - Startup weekend - activity funding (September?) - on 30th of March YP held first event of this year called Leadership for Young Engineers 	Alexandra Posoldova



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		<ul style="list-style-type: none"> - next event will be on 27th of April at GU Nathan campus called All you need to know about big data - Student branch at Nathan campus agreed to promote this event on their page - YP will apply for activity funds from YP R10 to organize Start-up Weekend Bootcamp. This event will be organized in collaboration with River City Labs 	
8.11	Women In Engineering	<ul style="list-style-type: none"> - WiE held a promotional event on the 17th of March at QUT in order to attract new members. - Together with GEMS, QUT, we presented our organisations and the benefits of joining - Although attendance was low, we could attract 4 new members (out of 5 non-members) - In future, we decided to work closely with GEMS as they are a well-established group promoting women in STEM fields - WiE is planning to submit 2 proposals for the WiE funding round 2016 [The proposal has to be endorsed and submitted by the section chair]: <ul style="list-style-type: none"> o Gender Equality in STEM, where we will invite a representative of SAGE from Canberra (this will be a similar proposal as the one we submitted for the women's week) o Industry Engagement proposal, offering a facility tour of CSIRO or similar (Garry will assist in this) - In general, we try to explore different avenues to get more attendance, such as flyer distribution, more personalised emails, cross-posting of events among groups/chapters 	Marie Wille Luise Wille
8.12	AOEC [Australian Oceanic Engineering Chapter]	No report	
9.0	Other business	None	
10.0	Next meeting.	Next meeting will be 10 th of May.	