



QUEENSLAND SECTION

THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS INC.

ABN: 67 431 648 974 ARBN 078 576 495

Dr. Daniel Eghbal, IEEE QLD.Chair	Dr. Ghavam Nourbakhsh - IEEE QLD Secretary
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**Minutes of Meeting held on June 13th 2017, 5:30pm
Venue: UQ General Purpose (South) Building, Room 78-421**

Office	Attendance	Present	Apology	Skype/ Webex	Absent
Chair	Daniel Eghbal	X			
Vice Chair	Nilesh Modi	X			
Secretary	Ghavam Nourbakhsh	X			
Treasurer	Robert Kennedy	X			
Immediate Past Chair	Garry Einicke		X		
Newsletter Editor	David Russell	X			
Webmaster	Ghassem Mokhtari			X	
Professional Activities	Reza Akbarzadeh		X		
Membership Development chair	Sudarshan Dahal	X			
Awards & Recognition	Xinren Marcus Jiang	X			
Student Activities Chair	Mojtaba Moghimi			X	
Educational Activities Chair	Jayaseelan Marimuthu				X
Engineers Australia Liaison & IEEE HKN Faculty Advisor	Tapan Saha		X		
TISP	Mojtaba Amjadi Pour	X			
Women in Engineering (Chair)	Marie-Luise Wille	X			
Women in Engineering (Vice chair)	Alexandra Posoldova			X	
Women in Engineering (Secretary)	Negareh Ghasemi	X			
Women in Engineering (Treasurer)	Hanxiao Zhang	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)	Vacant				
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)	Vacant				
Computer Chapter (Chair)	Rajib Rana				X
Computer Chapter (VC)	Ruslan Puscasu				X
Computer Chapter (Sec)	<i>Rui Zeng</i>				X
Computer Chapter (Treasurer)	Vacant				
Control Sys/Robo & Auto Chapter (Chair)	Kourosh Parsa	X			
Control Sys/Robo & Auto Chapter (VC)	Navinda Kottege		X		
Control Sys/Robo & Auto Chapter (Sec)	Nikodem Rybak	X			
Engineering in Medicine & Biology Chapter (Chair)	Mohan Karunanithi			X	
Engineering in Med & Biology Chapter (VC)	Qing Zhang				X
Engineering in Med. & Biology Chapter (Sec)	Ghassem Mokhtari	X			
MTT/AP Chapter (Chair)	Konstanty Bialkowski			X	
MTT/AP Chapter (VC)	Morteza Shahpari		X		
MTT/AP Chapter (Secretary)	Antony Lui		X		
MTT/AP Chapter (Treasurer)	<i>Arslan Nizami</i>				X
Power & Energy Chapter (Chair)	Chandima Ekanayake			X	
Power & Energy Chapter (VC)	David Batterham	X			
Power & Energy Chapter (Secretary)	Nazanin Nadian	X			
Power & Energy Chapter (treasurer)	Mohammadhossein Etesami				X
Power Electronic/Industrial Electronics/ Industry Applications (Chair)	Firuz Zare		X		
Power Electronic/Industrial Electronics/ Industry Applications (VC)	Jun Wei Lu	X			
Power Electronic/Industrial Electronics/ Industry Applications (Secr)	Ali Pourmousavi Kani				X
Signal Pro & Comms Chapter (Chair)	<i>Nasir Hussain</i>		X		
Signal Pro & Comms Chapter (VC)	Greg Hislop		X		
Signal Pro & Comms Chapter (Sec)	<i>Muhammad Mohtasim</i>				X
Young Professionals Affinity Group (Chair)	Sohrab (Rob) Makaremi	X			
Young Professionals Affinity Group (VC)	Alexandra Posoldova			X	
Young Professionals Affinity Group (Sec)	Reuben Peterkin			X	
Young Professionals Affinity Group (Treasurer)	Hamid Amini Moghadam				X
Student Counsellor QUT	Mark Broadmeadow		X		
QUT Student Branch, Chair	Nima Khoshirat	X			
QUT Student Branch, Vice-Chair	Aminmohammad Saberian	X			

QUT Student Branch, Secretary	Mac Akmal Jahan				X
QUT Student Branch, Treasurer	Aaron Liu			X	
Student Counsellor UQ	Rahul Sharma		X		
UQ Student Branch Chair	Glen Javier		X		
UQ Student Branch Vice-Chair	Dzung Nguyen				X
UQ Student Branch Secretary	Andrew Le				X
UQ PES Student Chapter Chair	Lakshitha Naranpanawe				X
UQ PES Student Chapter Vice-Chair	Ebby Thomas				X
UQ PES Student Chapter Secretary	Vacant				
Student Counsellor GU-Nathan	Sascha Stegen			X	
GU Nathan Student Branch Chair	Ian Ockenden		X		
GU Nathan Student Branch Vice-Chair	Abdul Rehman		X		
GU Nathan Student Branch Secretary	Douglas Skinner		X		
GU Nathan Student Branch Treasurer	Joseph Simeon		X		
Student Counsellor GU-GC	Stephen So		X		
GU-GS Student Branch Chair	Ben John	X			
GU-GS Student Branch Treasurer	Elise Jenkins				X
Student Counsellor USQ	Vacant				
Student Counsellor CQU – Brisbane	Sangeetha Kutty				X
Student Counsellor CQU – Rockhampton	Ed Palmer				X
Australian Oceanic Enginr Chapter – Queensland Rep	Navinda Kottege		X		
IEEE HKN President	Kianoosh Soltani Naveh	X			
IEEE HKN Vice-President	Wriece Ponmattam Madassery				X
IEEE HKN - Faculty advisor	Tapan Saha		X		

IEEE Queensland Section – Committee meeting minutes 13 June 2017 5:30pm

Number	Item	Action	Actioned
	Chair: Daniel Eghbal opened the meeting with welcoming the members.		
1.0	Attendance and apologies.	As noted	Ghavam
2.0	Confirmation of agenda.	Nilesh moved, seconded by Daniel	
3.0	Acceptance of minutes of the last meeting.	Rob moved, seconded by Daniel	
4.0	Business arising from the last meeting.	No	
5.0	Committee Coordination – Section Chair.	<p>ANZSCON committee has requested all Australia Council section representatives to register students for the event. So far, very few numbers of students have registered.</p> <p>ANZSCON committee has offered a possible travel funding of \$100 for the forth student to attend ANZSCON from each section.</p> <p>Section chair has been working with Membership Development and Student Activity Chair to submit funding requests to R10.</p> <p>Two events at Energex has been organised jointly with Professional Activities and PES/DEIS.</p> <p>EA Fraternity dinner is on 22 June and the section committee had previously approved to support \$30 to up to 10 delegates from the committee to attend the dinner. So far, only 4 committee members have shown interest and section chair reminded the committee to attend if they are available on 22 June.</p> <p>Section chair has been working with Award & recognition chair to set up a ballot for the 2016 Volunteer of the Year Award. Section has received two nominations and 2016 committee should vote for one candidate.</p>	Daniel
6.0			
6.1	Vice-Chair	<p>L31 should be submitted for any section, chapter or affinity to be recorded by IEEE.</p> <p>Nilesh to remind chapter and affinity group chairs to actively plan and organize technical seminars to at least meet the minimum requirements. Current L31 records shows that only 14 events have been organized.</p>	Nilesh
6.2	Immediate past chair report	No report	
6.3	Secretary	No report	
6.4	Treasurer	As emailed to all members.	Robert

6.5	Awards & Recognition	Section chair provided a report on setting up the ballot for 2016 volunteer of the year award.	Marcus
6.6	Professional Activities	<p>On Thursday 1st June, an event by the title of 'Earthing, Bonding and Stray Currents in Traction Power Distribution Network' was organised.</p> <p>In the presentation, speakers from Aurizon and Energex provided an insight into the traction power distribution with focus on traction earthing and bonding, and impact of the Gold Coast Light Rail project on electricity earthing systems and underground assets. There were 2 speakers:</p> <ul style="list-style-type: none"> •James Goffey – Principle Power Systems Engineers (Aurizon) •Colin Lee – Principle Engineer Asset (Energex) <p>There were 20 attendees and the event was well received.</p>	Reza
6.7	Student Activities	<p>As the student activities chair, I have planned to invite different IEEE committee members to universities to present IEEE and the companies they are working in. As the first of these presentations, Nilesh is going to talk about AEMO and IEEE to the students at Griffith University - Nathan Campus on the last week of July. I'm planning to invite Daniel, Garry, and Sudarshan to present their organization and also IEEE during August and September at QUT, UQ, and Griffith (Gold Coast). The exact date and time will be announced later.</p>	Mojtaba
6.8	Membership Development	<ul style="list-style-type: none"> • Powerlink seminar May 18 was very successful. About 60 attended but 40 signed attendance sheet, two committed for membership, will follow up with few more who were interested. • Catering cost \$210, the catering funding was approved (Daniel email to Rob). • Offered IEEE prize for six winning students at UQ 1st year engineering demo project winners. • Welcome message to the newly joined IEEE members (21 new members in May). • Prepared and submitted 2017 Queensland section MD plan to R10. • Seminar planned on " From Student members to YP" on June 30 at CQU Brisbane. • As a part of MD activity, I am considering to run a MD seminar at Telstra in near future to show IEEE presence among a mass of engineers. The date has not been decided yet. 	Sudarshan
6.9	Educational Activities	No report	
6.10	Newsletter Editor	<ul style="list-style-type: none"> • We intend to publish the next Queensland Section Newsletter at the end of July. • Action by all: Send your newsletter content to David Russell by 20 July. 	David
6.11	Webmaster	No report	

6.12	TISP	Mojtaba Amjadi Pour was nominated by the committee for this role.	Ghavam
6.13	Engineers Australia liaison	EA Fraternity dinner is on next week, and hopefully IEEE Section delegates will be there and make a 5 min presentation during the dinner. Banner needs to be taken there.	Tapan
7.0			
7.1	UQ Student Chapter	No report	
7.2	PES Student branch at UQ	No report	
7.3	QUT Student Chapter	<ul style="list-style-type: none"> • We had an event on 12 May 2017. This event was a technical talk about "Big data management and future smart homes". Speaker of this event was Dr Ghassem Mokhtari. • We also planned another event entitled: "young engineers and scientists career development". Speaker of the event is Professor Else Shepherd. Announcement and registration link will be available on v-Tools soon. But since we already firmed up the date and time with speaker, time and venue information is as below: Venue: P638, Level 6, P block, Gardens Point Campus. Date: 29 June 2017 Time 12:30'pm- 1:30'pm • Our next event is planned to be on August 8, the event title is: "Engineering design at modern global company". The event time is firmed up to be at 11am at QUT Gardens point campus but the room is not confirmed yet. • We will announce this event through v-tools as soon as we booked the venue. The speaker of this event is Mr Patrick Naidoo from Eaton Company. 	Nima
7.4	GU (Nathan) Student Chapter	<ul style="list-style-type: none"> • We had our first IEEE function with the new student chapter, which started this year, about "The career of the Griffith Engineering Academics" approximately 50 students attended and 7 of them wanted to sign-up for IEEE student membership. • I received very positive feedback from the students and we had lively discussions with the students about the life as an engineer in the industry, in academia, and in research as well as about IEEE afterwards. Thanks to Professor Kuldip Paliwal's great, interesting, and inspiring presentation about his impressive career. • We are planning to do this on a regular basis from now on and also invite one High-school after the other to join us for those events. 	Sascha
7.5	GU (Gold Coast) Student Chapter	<ul style="list-style-type: none"> • The second annual 'Know Your Industry' networking night was held on the 30th of May. The event hosted 53 attendees which comprised of 10 industry representatives, 8 academics and 35 students from electrical, electronic, mechatronic, and biomedical engineering cohorts. The event generated seven new memberships and students had the opportunity to network with brilliant industry representatives. This event had three presenters; Mr. Scott Reid of Riot Technologies, Mr. Paul Liddell of RedBack Technology, and Mr. Reza Akbarzadeh of Aurizon. 	Ben

		<ul style="list-style-type: none"> The GUGC Student Branch is also organizing a private tour of the control systems with the engineers of Burleigh Brewery. This event will take place on the 17th of August. 	
7.6	CQU (Brisbane) Student Chapter	No report	
7.7	CQU (Rockhampton) Student Chapter	No report	
7.8	USQ Student Chapter	No report	
8.0			
8.1	Aerospace & Electronics Systems	<p>As many of you would be aware, Robert Kennedy and I are on the organizing committee for the 2018 International Conference on Radar (Radar '18), which is coming to Brisbane for the first time next year. IEEE Qld & SA Sections are the financial underwriters via an MoU which also includes the Aerospace & Electronics Systems Society as technical sponsor. Recently, we've been working through a process, which included distributing a Call for Proposals, to appoint a Professional Conference Organizer. We've decided to appoint Arinex, with whom various members of the IEEE Qld exec have worked before on different projects. Arinex have issued a draft contract which they would like one of the underwriters to sign. To me, it makes sense that Qld Section be the signatory from a practical point of view. From a legal point of view, I think it makes no difference which Section signs because both are equally committed. However, I should say that our representative on the SA Section committee, Pina Dall'Armi-Stoks, has been informed of our plans to ask Qld Section to sign (and I copy her here).</p> <p>So that's what I would like to do now. Would Qld Section be willing to sign this contract? Although the attached is only a draft, and the Radar '18 committee is still haggling over a few of the finer points in it, the final contract will not look substantially different. I'd like to request that the Qld Section committee appoint someone to be an authorized signatory to it. It probably doesn't much matter who that person is, so long as it's minuted.</p> <p>According to past recorded minutes, Chair is nominated to give signature for this request.</p>	Robert
8.2	Computational Intelligence	No report	
8.3	Computer Society	No report.	
8.4	Control Systems/Robotics & Automation	No report.	
8.5	Engineering in Medicine & Biology	No report.	
8.6	Microwave Theory & Techniques/Antennas & Propagation	<p>Updates:</p> <ul style="list-style-type: none"> Event 23 May 2017 - Terahertz-frequency quantum cascade lasers and coherent 	Konstanty

		<p>modelling of transport via density-matrix method - Aleksandar Demic from Leeds University</p> <p>Upcoming events:</p> <ul style="list-style-type: none"> • DL Speaker: Prof Massa (Italy) - October • 2 DL Speaker scheduled for September • Planning of more meetings in progress 	
8.7	PES/DEIS	<p>1. We have offered 4 scholarships worth \$ 1000 each as PES travel award. Scholarship winners are:</p> <ol style="list-style-type: none"> 1. Licheng Wang 2. Md Monirul Islam 3. Alireza Raghani 4. Lakshitha Naranpanawe <p>2. We had one technical seminar given by Prof. Peter Wolfs from CQU on Energy Forecasting for the Diurnal Management of Community Battery Systems . This was a successful seminar with about 10 industry participants.</p> <p>3. Organising two more technical seminars in this months. One on 16th June and the other on 19th June:</p> <p style="padding-left: 40px;">seminar 1 - Short introduction to multi agent systems with some applications by A/Prof Debraj</p> <p style="padding-left: 40px;">Seminar 2- Power system simulation by Mr Benoit Marcoux</p> <p>4. Currently working on DL visit. PES President elect Prof. Safiur Rahaman will be visiting us in November 22/23 2017.</p> <p>5. We were not successful in our bid for ISGT 2018.</p>	Chandima
8.8	Power Electronic/Industrial Electronics/ Industry Applications	No report	
8.9	Signal Processing/Communications	No report	
8.10	Young Professionals	We are currently discussing details of our upcoming seminar with the prospective speaker Bertus Pretorius. We plan to have the seminar at Griffith University, around the first week of July.	Rob
8.11	Women In Engineering	<ul style="list-style-type: none"> • Luise returned from the 2017 WIE ILC conference in San Jose, CA. The conference was very impressive, featuring over 1000 female engineers. Luise could connect with other WIE chairs from South America and Europe and discussed the problems of WIE member acquisition. She will remain in contact with the other chairs and aims to organise a global WIE webinar. 	Luise

		<ul style="list-style-type: none"> • The next event will be on the 17th of July, featuring a seminar with the title “Deep Learning for Large Scale Medical Image Retrieval” by Sailesh Conjeti from TUM Germany, who will be doing a research project in Sydney in July/August. The date of the seminar is subject to visa approval (working visa for Sailesh). \$100 funding support from the section will be put towards flight support for Sailesh. A funding request will be lodged online. 	
8.12	IEEE HKN Mu Kappa Chapter	<ul style="list-style-type: none"> • Mu Kappa Chapter's Vice-President has been able to secure an additional \$1000 financial support from the School of IT and Electrical Engineering at UQ to attend Section Congress. This will give our chapter some exposure and also help represent Queensland Section. • Our video-conference with one of the IEEE-HKN chapters overseas has been postponed due to holidays in the Northern hemisphere. • We are planning to host a panel discussion in July. We will most likely have two members from industry and two members from academia. We are seeking to lock the date and go ahead with arranging the venue. • We will be planning a number of other events that will be based on the capacities available at UQ such as visits to facilities and mentoring students. 	Kianoosh
8.13	Social Implications of Technology	No report	
8.14	AOEC [Australian Oceanic Engineering Chapter]	No report	
9.0	Other business	No	
10.0	Next meeting.	11 July 2017	