



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 October 10th 2017, 5:30pm-7:00pm
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	Vacant				
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)	Garry Einicke	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)	Vacant				
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)	Muhammad Mohtasim Sajjad				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 Khoshsirafat	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 10 October 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.	Accepted by committee	Ghavam
3.0	Acceptance of minutes of the last meeting.	Nilesh moved, and seconded by Daniel	Ghavam
4.0	Business arising from the last meeting.	AGM & call for nomination	Daniel
5.0	Committee Coordination – Section Chair.	As an information point, IEEE is moving to enforce local regions to register as PTY LTD to avoid insurance issues.	Daniel
6.0			
6.1	Vice-Chair	<p>Reported by email to all committee members a summary of the number of events reported, and asking for minimum of two events before the end of the year.</p> <p>For next year committee members' election, prepare the nomination of intent, AGM date and venue was set and approved by the committee to be at Arbour Level, Brisbane Exhibition and Convention Centre (BCEC), Brisbane, starts at 17:30 on Nov. 14th 2017 and dinner will commence after the AGM. The fee structure for AGM attendance suggested and approved:</p> <ul style="list-style-type: none"> • IEEE student members: \$45 • IEEE active volunteers (this will not be on registration link and available to public): \$55 • IEEE/EA/IET members: \$65 • Non-members: \$110 • \$900 for a table of 10 • \$450 for a table of 5 • Bank transfer can be used to purchase the tickets. <p>AGM speaker TBA.</p>	Nilesh
6.2	Immediate past chair report	No report	
6.3	Secretary	No report	
6.4	Treasurer	As emailed to all committee members	Robert
6.5	Awards & Recognition	No report. Awards and certificated will be produced for the AGM meeting.	Marcus
6.6	Professional Activities	No report	
6.7	Student Activities	No report	
6.8	Membership Development	• 13 new members joined IEEE in September 2017.	Dahal

		<ul style="list-style-type: none"> • No event was organised. • 12 members were elevated to senior member upon referrals provided by QLD section exec committee. • Was successful in winning USD150 for membership retention category. • Plan: • Working with /AEMO/Telstra/Jacobs for industry membership drive. 	
6.9	Educational Activities	No report	
6.10	Newsletter Editor	<ul style="list-style-type: none"> • The October newsletter is ready to publish and is our last newsletter for 2017. • It is important members of our team meet the publishing deadlines, as it is unfair to other team members who have prepared their content on the assumptions of a publishing date. There have been a number of occasions during the year where we have had to hold up publishing the newsletter because the content not submitted on time. This has meant the team members who have met the publishing deadline had in some cases to re-write their sections and the newsletter lost its relevance, as it is not reflecting recent events and even worse future events. We should be using the newsletter to advise our members of future events where we can so they have time to organize to attend them. • We need to address this issue for next year. 	David
6.11	Webmaster	No report	
6.12	TISP	No report	
6.13	Engineers Australia liaison	No report	
7.0			
7.1	UQ Student Chapter	No report	
7.2	PES Student branch at UQ	<ul style="list-style-type: none"> • We had a technical talk on the IEEE day (3 rd Oct 2017). Title: BIG DATA TOOLS AND PROCEDURES IN POWER SYSTEMS RESEARCH, Speaker: Dr. Seyyed Ali Pourmousavi Kani. • We are planning to submit a proposal to host the 3rd IEEE PES student congress in Brisbane. We are expecting the financial support from IEEE QLD chapter. 	Lakshitha
7.3	QUT Student Chapter	Initially, a technical talk scheduled for 3-October. However, the talk has moved to 2 nd November at 2pm. The title for this talk is “Commercialized high efficiency solar cells, fact or fiction?”. Mr Nima Khoshsirat who is the IEEE QUT-student branch chair will give this talk. He is also founder of QUT Solar energy scientific society. As soon as the venue confirmed it will be announced on vTools.	Nima
7.4	GU (Nathan) Student Chapter	No Report	

7.5	GU (Gold Coast) Student Chapter	No report	
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	The next AES event will be a technical seminar entitled "Engineering Virtual Reality Sports Simulators : A Track Cycling Case Study" to be presented by Jonathan Shepherd on Friday 13th October 17, 11am - 12pm (AEST), Red Zone Griffith University Nathan Campus, n78/170 Kessels Rd, Nathan QLD 4111, Australia. This seminar will delve into the design considerations of engineering a track-cycling simulator for the 2018 Commonwealth Games Velodrome. The simulator utilises a stationary exercise bike (Wattbike, 2016 Pro) transmitting performance data wirelessly, via the ANT+ protocol, to a PC connected to an Oculus Rift VR projecting the audio-visual simulated environment.	Garry
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	No report	
8.7	PES/DEIS	No report	
8.8	Power Electronic/Industrial Electronics/ Industry Applications	We have developed our first online newsletter: (https://drive.google.com/open?id=0B0qZYGvKDC9KTXVKNGN5aEgtS0E). Reports of activities are there. Prof Ledwich will be our next presenter. We have had regular meetings.	Firuz
8.9	Signal Processing/Communications	Report: We held our regular journal club meeting this time on IEEE Day for which the section kindly provided funding. We had a larger than normal turnout of 12 people. This was up 3-4 on the average, so a noticeable improvement probably due to the catering so thank you for that. Everyone enjoyed the evening with a robust conversation on the paper presented by Prof Clarkson on detect and confirm techniques for phased array radars. Planning: We have a reader leader arranged for our next Journal club to be held on the first Tuesday of November. It will be Dr Christian Weegink from UQ and the paper is yet to be decided	Greg

		<p>but will likely be one on the algorithm behind the well-known XGBoost method. The location is also to be decided. I'll confirm these soon and make the announcements.</p> <p>Reimbursement: At the last meeting, we got preapproval to spend up to \$200 on catering. Given our good turnout, we exceeded this as seen by the attached receipt. I am as such asking to have the \$200 reimbursed please. I realise that in the past this type of things were done by check in which case could you please mail it to me. The committee approved this request.</p>	
8.10	Young Professionals	No report	
8.11	Women In Engineering	<ul style="list-style-type: none"> • Our last event had to be cancelled due to sickness of the speaker. • Our next event is a seminar on 20th October with the title "Perspective, Policy and Programs: an empirical analysis of women in STEMM" presented by Dr Jyoti Sharma. • Marie-Luise is currently in contact with all Australian Section WIE Chairs and Australia Council to establish the WIE forum. In addition, Marie-Luise did the first step to pitch the WIE International Leadership Summit 2018 in Australia to all WIE chairs; the proposal is well received and supported. First question to answer is where the ILS should be held. In discussion are Sydney and Brisbane. Melbourne, due to limited labor, is out. • WIE QLD is asking for support from the QLD committee and it was agreed that seed funding from QLD section is possible. The next action item is to put together a budget proposal. 	Luise
8.12	IEEE HKN Mu Kappa Chapter and EA	<ul style="list-style-type: none"> • In Mu Kappa Chapter, we organized a visit to UQ Solar facility on 4th of August. This was a unique opportunity for our members to visit a state of the art facility and hear from experts in the field. • We also held a video conference with Mu Theta Chapter of IEEE-HKN in Thailand on Tuesday 10/10/2017. Mu Theta Chapter was awarded the outstanding chapter award of IEEE-HKN. The video conference was organized in order to introduce both chapters and exchange ideas. We discussed common challenges and opportunities for our chapters and indicated our willingness to hold more video conferences in the future. • We are also planning to have Prof. Saifur Rahman the President of IEEE Power and Energy Society as a guest speaker at the University of Queensland in November to talk about leadership and volunteerism. This event is going forward based on the latest correspondences we have had. • We are also planning an industry talk this year; we will inform you once the time 	Kianoosh, Tapan

		and the venue are confirmed. • IEEE PES President elect is coming to Brisbane and meeting IEEE HKN.	
8.13	Social Implications of Technology	No report	
8.14	AOEC [Australian Oceanic Engineering Chapter]	No report	
9.0	Other business	No report	
10.0	Next meeting.	AGM on November 14 th 2017	