



## QUEENSLAND SECTION

THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS INC.

ABN 674 316 489 74

Dr. Garry Einicke, IEEE QLD Chair	Dr. Ghavam Nourbakhsh - IEEE QLD Secretary
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**Minutes of Meeting held on October 11<sup>th</sup> 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	Robert Kennedy	X			
Immediate Past Chair	Tapan Saha	X			
Newsletter Editor	David Russell	X			
Webmaster	Ghassem Mokhtari	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	Jan McSweeney			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)	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)	Alan Wee-Chung Liew			X	
Computer Chapter (Chair)	Tomasz Bednarz			X	
Computer Chapter (VC)	Vacant				
Computer Chapter (Sec)	Jingxin Xu		X		
Computer Chapter (Treasurer)	Vacant				
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)	Vacant				
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	



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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			
Social Implication of Technology Chapter (VC)	Kieran Tranter		X		
Social Implication of Technology Chapter (Coord)	Samuli Haataia		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	<i>Vacant</i>				
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	
QUT Student Branch Chair	Nima Khoshsirar	X			
QUT Student Branch (VC)	Afsaneh Narimani	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			
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-GC Student Branch VC	<i>Ben John</i>	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>				

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.	Daniel moved and Nilesh seconded it.	Garry



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3.0	Acceptance of minutes of the last meeting.	Rob moved and Nilesh seconded it.	Garry
4.0	Business arising from the last meeting.	<ul style="list-style-type: none"> <li>• The response comments from Qld section on IEEE changes was not completed yet. Mike was going to finalize this task, but has resigned.</li> <li>• Speaker for the AGM on 29<sup>th</sup> of November; Daniel to organize.</li> <li>• Default menu is suggested for AGM function.</li> <li>• Mike name to be removed and Robert Kennedy to be added as the treasurer, keep Tapan address for correspondence.</li> </ul>	Garry
5.0	Committee Coordination – Section Chair.	Update office holders and welcome Ghassem as the new Webmaster.	Garry
6.0	Reports from the Section Committee		
6.1	Chair	Garry welcomed Daniel and Nilesh for their new roles; elected as Chair and Vice-Chair for 2017.	Garry
6.2	Vice-Chair	<p>We inform the new position holders now and will officially declare the results at AGM.</p> <p>The chapter and committee positions need to be reinstated through elections each year.</p> <p>Every year election has to be done even if a chapter positions are newly formed.</p> <p>For any event or function to be supported and/or be included under IEEE, it has to be approved to be affiliated in advance.</p>	Daniel
6.3	Immediate past chair report (plus Engineering Australia report)	<ul style="list-style-type: none"> <li>• Our petition to form an IEEE-Eta Kappa Nu (IEEE-HKN) University Campus Chapter, also known as a Campus Chapter, was approved by the IEEE-HKN Board of Governors on 22 September 2016. UQ campus will join with the more than 245 IEEE-HKN Campus Chapters worldwide who recognize those individuals within their community (students, faculty, alumni, and professionals) who distinguish themselves in the areas of scholarship, attitude, and character within the IEEE technical fields of interest. Each IEEE-HKN Chapter is given a unique Chapter name. Once a name is assigned to an IEEE-HKN Chapter, it is never reused. The IEEE-HKN tradition is that a Greek name be assigned to Campus Chapters. UQ official IEEE-HKN University Campus Chapter name is: IEEE-HKN Mu Kappa Chapter.</li> <li>• Tapan Saha has been elected as a Member of the Electrical College Board of Engineers Australia for a second two year term commencing 1 January 2017.</li> <li>• IEEE AC election process is going on and a new committee will start in 2017.</li> </ul>	Tapan



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		<ul style="list-style-type: none"> <li>IEEE Election results have been announced. IEEE constitutional Amendment was not approved by the members.</li> </ul>	
6.4	Secretary	None.	
6.5	Treasurer	<ul style="list-style-type: none"> <li>Robert reported on his new appointment.</li> <li>Remove Mike Robinson and Abbas Bigdeli from account signatory and add Robert Kennedy as the new treasurer. Committee has approved these changes.</li> <li>In the interim, Garry and Daniel will approve and sign-off.</li> <li>I have taken over as Treasurer as of today: 11/10/2016 for the rest of 2016 and have been elected for 2017.</li> <li>Vaughan and I went to Bank Australia – UQ branch and started the forms for setup of account for RADAR2018 and to add myself to the IEEE Qld Section account.</li> <li>The following will be added as signatories to the IEEE Radar Account: Robert Kennedy (Radar '18 Finance Chair), Gordon Frazer (Technical Program Chair), Giuseppina Dall'Armi-Stoks (IEEE SA Section representative) Vaughan Clarkson (Radar'18 General Chair)</li> <li>Once the 2 signatories from Adelaide Section complete their forms, we can submit the forms for processing with Bank Australia.</li> </ul>	Saha & Garry & Robert
6.6	Awards & Recognition	<ul style="list-style-type: none"> <li>In the past I coordinated with Mike to print the certificates, make the plaque and presenting them at the AGM. With Mike's resignation I would like to get another volunteer to carry out this job in Brisbane( as I reside in Rockhampton.</li> <li>Since I am overseas now(in Japan under JSPS invitational research Fellowship) until 25th of November and my schedule immediately after that has some unscheduled, but essential commitments, my participation to the AGM is uncertain. Though I will try my best to participate, in case if I cannot, I would like the committee to be ready with a replacement for my duties at AGM.</li> <li>Bothe above issues were resolved at the October meeting and I will send the list of award winners to Garry and Daniel to act upon.</li> </ul>	Preethi



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6.7	Professional Activities	None.	
6.8	Student Activities	None.	
6.9	Membership Development	The Total Membership count is 1097 this year compared to 1120 last year. In Summary, we are higher in student member this year, but down in Snr Member and Member.	Yateendra
6.10	Educational Activities	None.	
6.11	Newsletter Editor	<ul style="list-style-type: none"> <li>• It was pleasing to see the article prepared by Queensland Young Professionals has been included in the R10 newsletter.</li> <li>• The newsletter did not get issued at the end of September as planned at the last meeting. There has been some delay in content for the newsletter being submitted (including as late as today).</li> <li>• The chair asked that the newsletter be issued as soon as possible, preferably today.</li> <li>• The newsletter editor explained that articles are written with a publication date in mind. When the newsletter is not issued on time sometimes the articles contributed on time, will have to be reworked. For example the article might say "an event will be held next week" assuming an issue date, if the newsletter is not published on time the article has to be updated to say the event was previously held and more importantly that society has missed an opportunity to advertise their event. Chairs are asked to have content for future newsletters submitted on time.</li> <li>• All chairs are asked to start preparing content for the AGM report and submit the content to the newsletter editor as soon as practicable.</li> </ul>	David
6.12	Webmaster	None.	
6.13	TISP	None.	
7.0	Student Chapter Activities		
7.1	UQ Student Chapter	Last week held poster design workshop with 50 participants. Last month an event on communication workshop was held.	
7.2	PES Student branch at UQ	None.	
7.3	QUT Student Chapter	<ul style="list-style-type: none"> <li>• Celebrating 2016 IEEE DAY</li> <li>• Introduction of the QUT IEEE Student branch and celebration 2016 IEEE Day</li> </ul>	Nima



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		<ul style="list-style-type: none"> <li>• Talk by Dr Mark Broadmeadow, QUT IEEE Student branch consular as a young academic and professional about his career path, research, activities in industry and horizons in students and young researcher's future.</li> <li>• Introduce lesser-known IEEE membership values to our student members and non-members students to encourage them to get IEEE membership</li> <li>• Encourage student members to get involved in branch activities in an interactive discussion session and asking their comments and feedbacks on their desired activities</li> <li>• Interactive session with members with members discussing the branch activities.</li> <li>• Refreshment and Networking</li> </ul>	
7.4	GU (Nathan) Student Chapter	None.	
7.5	GU (Gold Coast) Student Chapter	<ul style="list-style-type: none"> <li>• Griffith University Student Branch had a successful event on 21st September titled "Industry Project through a student's perspective". The speaker was Reza Akbarzadeh and the event gathered 45 attendees.</li> <li>• New branch chair for 2017 is Ben John who is a second year student in electrical and electronic engineering.</li> <li>• The branch is currently looking at a candidate for student branch councilor. The results will be announced in due course.</li> <li>• New and former chairs are working towards an event planner for 2017.</li> </ul>	Reza
7.6	CQU (Brisbane) Student Chapter	None.	
7.7	CQU (Rockhampton) Student Chapter	None.	
7.8	USQ Student Chapter	None.	
8.0	Chapter and Affinity Groups		
8.1	Aerospace & Electronics Systems	<ul style="list-style-type: none"> <li>• Vaughan has been working hard on the RADAR 2018 conference organization and we went to Bank Australia today to setup the account for the conference as well as setup signatories.</li> <li>• We have still not heard back from Paul from UQ as yet about UQ AERO students for a GBAS lecture.</li> <li>• Our 1 day workshop for OTHR in November on the 25th November at the BCEC, I will start to push this again.</li> <li>• The flyer is on the website.</li> </ul>	Robert
8.2	Computational Intelligence	None.	



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8.3	Computer Society	None.	
8.4	Control Systems/Robotics & Automation	None.	
8.5	Engineering in Medicine & Biology	<ul style="list-style-type: none"> <li>• We have organized 4 events this year, with invited speakers from US, Austria and Australia.</li> <li>• We are planning a last event this year about career development in EMB.</li> <li>• We are designing a chapter banner and have got approved \$110 from section to make this banner.</li> </ul>	Qing
8.6	Microwave Theory & Techniques/Antennas & Propagation	<ul style="list-style-type: none"> <li>• Thomas Fickenscher from Germany: Wind tunnel effects on communication signals (L31 submitted)</li> <li>• ICEAA conference in Cairns - with Chapter Chair Meeting (Attended by Konstanty)</li> <li>Upcoming Events:</li> <li>• October: Alex Crawford from Telstra - on ADSL, Propagation.</li> <li>• October: APS DL Speaker Prof Ari Sihvola, Metamaterials (From Finland)</li> <li>• November: APS DL Speaker Prof Ed Miller, Verification of Computer Electromagnetic Modelling Software</li> <li>• Some with un-finalized plans: Industry speaker from Microe, Prof. Andrea Massa (from Italy) - APS DL, March Next Year: MTT DL Prof Shinohara (from Japan)</li> </ul>	Morteza
8.7	Power & Energy/DEIS	<ul style="list-style-type: none"> <li>• PES received funding of USD 4650 from HQ to organize one day work shop. David will lead the organization of the workshop.</li> <li>• Committee approved Nilesh to sign prize (\$500 + GST) sponsorship agreement with UQ.</li> </ul>	Nilesh
8.8	Signal Processing/Communications	The 1st Tuesday Journal-Paper Club met again last week to celebrate IEEE Day. We read a famous 1949 paper by Golay that has been called the best single-page paper in information theory. 1TJPC will return next month at our new meeting place, Saccharomyces in West End. Look out for an announcement.	Vaughan
8.9	Social Implications of Technology	<ul style="list-style-type: none"> <li>• We held a public lecture on 4 October (IEEE day) on: 'keeping the human perspective in technology: Plant names and metadata structures. It was given by Professor Charles Lawson from Griffith Law School, and we had approximately 11 attendees.</li> <li>• Next Sunday (16 October) Kieran will be talking in Toowoomba on electric and driverless</li> </ul>	Samuli



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		vehicles in an SSIT capacity. I sent the flyer for this to Daniel for distribution today, it is also attached.	
8.10	Young Professionals	<ul style="list-style-type: none"> <li>• Past event: Grow Your Start-up Globally - 13 attendees, YP requested \$250 for this event but due to low numbers we spend only \$98.65. L31 report has been lodged</li> <li>• Future event: The Start-up Theory - held in River City Labs on 13th of October, starting at 5:30pm, two speakers' event with networking.</li> </ul>	Alexandra
8.11	Women In Engineering	<ul style="list-style-type: none"> <li>• Next event will be on the 26th of October, featuring a seminar about CSIRO's Data61 with Data61 senior consultant Dr Lucy Cameron. The event will be held at QUT, Institute of Health and Biomedical Innovation, Kelvin Grove Campus.</li> <li>• Report to WIE R10 about our WIE CSIRO facility tour (held on the 9th of September) is about to be finalised, it is expected that this will release the support funds from WIE R10 (Luise to investigate)</li> <li>• Marie-Luise is happy to continue as Chair in 2017 and is planning to have a larger committee in 2017 including a treasurer's position, with the aim to outreach more and 'compete' against other women in stem groups</li> </ul>	Marie-Luise
8.12	AOEC [Australian Oceanic Engineering Chapter]	None.	
9.0	Other business	Saha reported on IEEE election results.	Saha
10.0	Next meeting.	November 8 <sup>th</sup> 2016.	