



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 February 14th 2017
Venue: UQ General Purpose (South) Building, Room 78-421

Office	Attendance	Present	Apology	Absent	Via Skype
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	Vacant				
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 (Chair)	Jan McSweeney		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)	Tomasz Bednarz			X	
Computer Chapter (VC)	Ruslan Puscasu			X	
Computer Chapter (Sec)	Rui Zeng			X	
Computer Chapter (Treasurer)					
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)	Vacant				
Power & Energy Chapter (Chair)	Chandima Ekanayake	X			
Power & Energy Chapter (VC)	David Batterham	X			
Power & Energy Chapter (Secretary)	Nazanin Nadian	X			
Power and Energy Chapter (treasurer)	Mohammadhossein Etesami	X			
Signal Pro & Comms Chapter (Chair)	Nasir Hussain		X		
Signal Pro & Comms Chapter (VC)	Greg Hislop		X		
Signal Pro & Comms Chapter (Sec)	Muhammad Mohtasim			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
Student Counsellor UQ	Rahul Sharma		X		
Student Counsellor GU-GC	Stephen So		X		
Student Counsellor GU-Nathan	Sascha Stegen	X			
Student Counsellor USQ	Vacant				
Student Counsellor CQU – Brisbane	Sangeetha Kutty			X	
Student Counsellor CQU – Rockhampton	Ed Palmer			X	
UQ Student Branch Chair	Jeremy Taylor			X	
GU-GS Student Branch Chair	Ben John	X			
Australian Oceanic Engineering Chapter	Navinda Kottege			X	
Power and Energy Chapter (student rep chair)	Lakshitha Naranpanawe	X			
Power and Energy Chapter (student rep vice-chair)	Ebby Thomas	X			
IEEE HKN President	Kianoosh Soltani Naveh	X			

Number	Item	Action	Actioned
		Acting Chair: Nilesch Modi opened the meeting with welcoming the members	
1.0	Attendance and apologies.	As noted	Ghavam
2.0	Confirmation of agenda.	Tapan accepted & seconded by Garry.	Ghavam
3.0	Acceptance of minutes of the last meeting.	Garry accepted & seconded by Tapan.	Ghavam
4.0	Business arising from the last meeting.	As listed in the minutes.	Ghavam
5.0	Committee Coordination – Section Chair.	Acting Chair: Nilesch Modi	Nilesch
6.0 Reports from the Section Committee			
6.1	Chair	<p>Acting Chair: opened the meeting, and gave a brief on the conference he attended (with other financial support).</p> <p>Daniel report: The email from Jibin Sabu (about IEEE sections congress): I am writing on behalf of the 2017 IEEE Sections Congress Fundraising Chair, Dr. Eddie Custovic, to solicit your help. As you may already know, IEEE Sections Congress is happening from August 11-13 of 2017 at the Sydney International Convention Centre, Australia.</p> <p>IEEE Sections Congress is a triennial gathering of 1200 of IEEE's global volunteer leadership that represent the more than 400,000 members from over 160 countries including the IEEE executive leadership. It is important to note that some a relatively large proportion of IEEE leadership are industry based and represents some of the world's most influential technology orientated organizations such as IBM, Intel, Google, Samsung, Microsoft and numerous other Fortune 500 household names. The sections congress will also attract some of the world's leading organizations and their leaders.</p> <p>Since Queensland Section and its members have demonstrated outstanding commitment to the IEEE over the years and we are very thankful for all of your support. We would like to have Queensland Section as partner for the congress.</p> <p>We would like to offer Queensland Section an opportunity to be a sponsor of IEEE Sections Congress. Sponsors receive significant recognition before, during, and after the IEEE Sections Congress event, making a lasting impression on all attendees. Your support, which will be managed by the IEEE Foundation, is an important and valued investment in the progression of global technical and professional communities. Several tiers of sponsorship are detailed in the enclosed brochure. We are confident you will find a level of sponsorship that meets your needs. This support will provide Queensland Section major exposure and recognition amongst companies and other IEEE organizational units. I have attached the brochure for details about the congress.</p> <ul style="list-style-type: none"> A sum of \$2500 support for 4 volunteers (in addition to the Chair) attending the IEEE Congress meeting in Sydney was proposed by Tapan and moved by Garry and seconded by Ghavam. Chair is going to conduct a BBQ in introducing the new volunteers. 	Nilesch & Daniel
6.2	Vice-Chair	Vice-chair seeks approval for US\$365.80 towards attending R10 meeting in Japan. It was approved in the meeting, Garry supported and Chandima seconded it.	Nilesch
6.3	Immediate past chair report (plus Engineering Australia report)		
6.4	Secretary	<ul style="list-style-type: none"> The excess cost Japan travel cost of the Chair (not covered by R10) attending IEEE R10 meeting was approved by committee members' consent earlier by email. Marie-Luise received a travel grant and complimentary registration to attend the 2017 Women in Engineering, Women in Leadership Conference in San Jose, CA, USA 22-23 May. An amount of AUD\$600 was approved by members earlier through email for Luise travel to San Jose CA in US as part of IEEE WIE ILC meeting. 	Ghavam
6.5	Treasurer	<p>Dec 2016 and Jan 2017.</p> <p>Opening balance at Dec1 2016 was \$5,919.44</p> <p>And closing balance at 31Jan2017 was \$6,994.83</p> <p>In the last 12 months of the reporting period, IEEE Qld made a net loss of \$10,337.</p> <p>There are 3 outstanding issues that need to be resolved this week:</p> <p>Dian needs the R10 PAC payment to be transferred to IEEE Qld account – requiring SWIFT code</p> <p>Nilesch needs IEEE PES section to transfer to IEEE Qld account using SWIFT code</p> <p>Aust Council needs their invoice paid.</p> <p>As at Friday 17thFeb2017, these issues are underway, SWIFT codes have been sent to the international IEEE sections.</p> <p>And Aust Council invoice is being paid via direct deposit.</p> <p>Committee expressed appreciation for Robert hard work in keeping the balance.</p>	Robert
6.6	Awards & Recognition	No report.	
6.7	Professional Activities	No report.	
6.8	Student Activities	No report.	
6.9	Membership Development	No report.	
6.10	Educational Activities	<ul style="list-style-type: none"> Jayaseelan Marimuthu proposed some activities for state schools in Queensland. Jaya briefed the committee regarding his current involvement and proposed activities for the schools to improve STEM. Garry suggested that Jan McSweeney of TISP be involved in this proposal, and contact Jan for any event support. The events must be advertised under IEEE baner. 	Jayaseelan
6.11	Newsletter Editor	<ul style="list-style-type: none"> We will again target publishing 3 or 4 newsletters this calendar year. First newsletter should be published at the end of March. Therefore, we will start seeking content for the first newsletter in early March. As each section holds events please remember to take some photos as photos can make the articles more interesting. Please submit your newsletter content to the editor in a timely manner. 	David
6.12	Webmaster	Qing (for Ghassem) proposed one day data hackathon event in Brisbane (under computer chapter). The committee commented that proposal is still not well detailed including the provisions in avoiding clash with other events, also a budget plan is required including registration fees etc.	Qing
6.13	TISP	No report.	
7.0 Student Chapter Activities			
7.1	UQ Student Chapter	<ul style="list-style-type: none"> The search for Chair and Vice Chair is currently underway. The opening(s) have been advertised on Facebook and email. I plan to advertise it further during the first lectures of semester 1 if needed. We have now formed UQ Student Branch's committee for 2017. The committee is as follows: Chair: Glen Javier, g.javier@uq.edu.au, 92966735 Vice Chair: Viet-Dzung Nguyen, vietdzung.nguyen@uqconnect.edu.au, 94231650 Please help to complete the 'Officer Reporting' and also update the email circulation list so that they can attend the future committee meetings. 	Rahul
7.2	PES Student branch at UQ	No report.	
7.3	QUT Student Chapter	<ul style="list-style-type: none"> Request supports for Homer Energy workshop which will be held in August in QUT. Description: This training would be one day hands-on training for HOMER energy software. The committee suggested Nima to return with the motivation of the proposal and a summary to be evaluated. Reported: Promoting IEEE QUEENSLAND section, IEEE Activities and membership benefits in OFSIS2017 conference. 	Nima
7.4	GU (Nathan) Student Chapter	A \$100 request for an event with BBQ was approved; Ben & Tapan supported in the meeting.	
7.5	GU (Gold Coast) Student Chapter	<ul style="list-style-type: none"> There will be eight events held this year. This report shall provide a general outline and schedule for the events the first half of the year. Annual IEEE Meet and Greet 9th - 10th of March (~ \$50 to \$100 for catering). Last year, Dr. Seagar hosted this event and welcomed many new members to the branch. A similar event shall be held at the end of the second week of the semester. Several senior lecturers shall present on the benefits of joining the IEEE and then the chair will outline the annual plan for the academic year. Then the committee will host a small BBQ so new members can have their questions answered. Distinguished Lecturer (DL) Program Presentation – by PES Late April. This event aims to host an IEEE distinguished lecturer. By collaborating with other branches the committee aims to host a lecturer to present in late April. Annual "Know Your Industry" Networking Event 5th – 10th of May (~ \$150 for catering). In Early April the committee shall begin inviting industry and academic engineers to present. Presentation on key skills for engineers and effective studying 29th – 31st of May (No funding). This event aims to highlight the key skills learnt in university and their practical applications to industry and academia. It will have representatives from both academic and industry engineers and aims to provide some motivation for students during their study week. Furthermore the event shall invite recent Griffith graduates to present on their transition into the workforce. A support of \$30 to \$100 was approved; Tapan and Alexandra supported in the meeting. 	Ben
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 Chapter and Affinity Groups			
8.1	Aerospace & Electronics Systems	No report.	
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	In January, we organized a joint event with IEEE Women in Engineering (WIE) chapter: "Women in Biomedical Engineering Seminar". We invited young researchers to present their research findings and share their experiences of their work at the Australian eHealth Research Centre, CSIRO. In this event we prepared a best presentation award and it went to Miss Vanessa Smallbon on her presentation: "Energy efficient LoRa GPS tracker for dementia patients".	Qing
8.6	Microwave Theory & Techniques/Antennas & Propagation	<ul style="list-style-type: none"> Upcoming Meetings: <ul style="list-style-type: none"> - DL Speaker: Prof Shinohara (Japan) - 2 MARCH on wireless power transfer - DL Speaker: Prof Massa (Italy) - October - 2 DL Speaker to be scheduled Committee: <ul style="list-style-type: none"> - 2 More committee members are interested (Antony and Aslan) - Going to make a petition to start a Student Branch Chapter Parent Societies: <ul style="list-style-type: none"> - Sending annual reports to our parent societies (Due at the end of the month) - Apply for chapter support A DL function support of \$200 was approved; Garry moved it. 	Konstanty
8.7	PES/DEIS	<p>PES updates are:</p> <ol style="list-style-type: none"> We have submitted a bid to host the conference ISGT Asia 2018, with the support of BCEC. We are planning to host a DL visit on 24th March 2017. An IEEE DL Prof Mark O'Malley is visiting Melbourne and planning to bring him from Melbourne to Brisbane. We are requesting AUD 500 support from the local section to cover his travel and accommodation expenses. A brief biography of Prof. O'Malley is given below. (Mark O'Malley is Professor of Electrical Engineering, Director of the Energy Institute and Electricity Research Centre at University College Dublin, Ireland and co-founder of the International Institute for Energy Systems Integration (ESI). He is recognized as a world authority on Energy Systems Integration and in particular Grid Integration of Renewable Energy with active research collaborations in Europe, China and the United States. Mark has authored over 300 academic papers and supervised 22 PhDs to completion. He is a member of the European Academy of Sciences Advisory Council Energy Panel and is the chair of the current Energy Storage Study. He is a member of the IEEE Power Engineering Society Wind Power Coordinating Committee, chair of the IEEE Power and Energy Society Task Force on Capacity Value of Wind and an IEEE distinguished lecturer in the grid integration of renewable energy. He is the Irish representative on the International Energy Agency Research Task 25: Design and Operation of Power Systems with Large Amounts of Wind Power and was a lead author with responsibility for integration issues in the recent International Panel on Climate Change Special Report on Renewable Energy Sources and Climate Change Mitigation.) <p>The topic going to be covered is related to integrated energy systems. The exact topic will be decided after consulting the DL.</p> <ol style="list-style-type: none"> We have received the plaque for PES OEA 2016. This will be awarded to Prof. Peter Wolfs in a future PES event. <p>The committee supported the DL of A\$500 towards the travel/accommodation. Tapan moved and Garry seconded it.</p>	Chandima
8.8	Signal Processing/Communications	We have restarted our first Tuesday of the month journal club. Paul Bellette from Fugro roames presented a paper on convolutional neural networks being retrained to locate a camera and camera pose from a single photo, when structure from motion had previously been used to build a large 3D map of city streets. We had 8 attendees and 4 members. Our next event will be on the first Tuesday in March and will be another journal paper club meeting.	Greg for Nasir
8.9	Young Professionals	<p>This year plan:</p> <ul style="list-style-type: none"> Like last year, YP intends to commit to at least 6 events. We will maintain our collaborations with Engineers Australia and River City Labs. Rob has been in contact with Nivas (R10 YP Coordinator) and we are discussing ways to organise more successful events. 	Sohrab
8.10	Women In Engineering	<ul style="list-style-type: none"> WIE hosted a joint seminar with EMB chapter featuring women in biomedical engineering on January 25th. L31 report was submitted by EMB chapter. February 14th WIE had first meeting of this year to divide responsibilities and brainstorm event possibilities for 2017. 	Alexandra
8.11	IEEE HKN Mu Kappa Chapter	<ul style="list-style-type: none"> Tapan: I would like to request an approval of the following fund from the IEEE QLD Section for IEEE HKN Chapter installation ceremony. This will be attended by the Pro Vice Chancellor, Uni of Newcastle, UQ Dean, UQ ITEE Head, several IEEE QLD Section Chairs etc. (1) 20 members 50% discount fee for IEEE HKN joining fee (full fee \$80) = \$800. (2) Catering for the installation ceremony with dignitaries = \$325. (3) Banner printing = \$100. Total = \$1225. Committee approved; Garry moved the motion and Han seconded it. 	Tapan
8.12	Social Implications of Technology	No report.	
8.13	AOEC [Australian Oceanic Engineering Chapter]	No report.	
9.0	Other business	Tapan report on Engineers Australia: A reminder that Electrical branch, IT branch, Bio Med Engr branch they all support events and functions like space in the city.	Tapan
10.0	Next meeting.	March 14 2017.	Ghavam