



Advancing Technology
for Humanity

Institute of Electrical and Electronics Engineers
Queensland Section (ABN 67 431 648 974)
ieee-qld.org

IEEE QUEENSLAND SECTION NEWSLETTER

April 2015

Volume 18 - Issue 1

Print Post Approval No. PP4458860011

Acting editor: Mike Robinson (blackmagic@computer.org)

In this issue:

Section Chair's report	2
Section Vice-chair's report	3
Webmaster's report	5
Professional Activities	6
Women In Engineering Affinity Group	8
Young Professionals Program Affinity Group	9
Computer Society Chapter	10
Control Systems/Robotics and Automation Societies Chapter	11
Power & Energy/Dielectrics & Electrical Insulation Societies Chapter	13
Queensland Section Office Holders	15

IEEE information contained in this newsletter may be copied without permission provided that copies for direct commercial advantage are not made or distributed, and the title and date of the publication appear on each copy.

Section Chair's report



GARRY EINICKE, CSIRO AUSTRALIA
Garry.Einicke@csiro.au

Engineers are innovators. Innovation is underpinned by many things including documentation, communication and networking. That is, the accumulation of previous contributions and ways to solve problems need to be documented and shared. This is what the IEEE does. Upwards of 400,000 volunteers review and post millions of solution designs on-line. Engineers everywhere are able to punch in some keywords into IEEEExplore to canvass the state of the art.

Standards have evolved so that we are able to follow established protocols. For example, protocols have been devised for injecting genetic materials into cells. Perhaps the most famous standard is IEEE 802.11, commonly known as Wi-Fi (invented at the CSIRO) which allows us to connect laptops, tablets and phones to our networks.

Not everyone has time to attend overseas events and keep up-to-date. We have an energetic IEEE Queensland team to organise conferences, workshops, courses and seminars for our local members.

The Queensland Section has had a great 2015 first quarter. Our highlights include the three 30-year-celebration events that were held on 18th February 2015.

The first event of the day was a Student Poster Competition in which undergraduate and graduate students from the University of Queensland, the Queensland University of Technology, Griffith University, the University of Southern Queensland and Central Queensland University presented their work. IEEE Queensland congratulates the following prizewinners. First prize: Marie-Luise Wille (QUT). Second prizes: Nahid-al Masood (UQ) and Junhyuck Seo (UQ). Third prizes: Shohana Deeba (UQ), Alina Bialkowski (QUT) and Mehdi Mosadeghy (UQ).

The second event commemorated our IEEE activities since the Queensland Section was established thirty years

ago. Our first section chairs - Professors David Thiel, Miles Moody and Matt Darveniza - each spoke about their experiences from the mid-1980's to the present.



Professors Miles Moody, David Thiel and Matt Darveniza

The third celebration event was a dinner which was held at the Brisbane Convention and Exhibition Centre in the very room where world leaders recently gathered for the G20 Summit. We thank the Chair of the 30-Year-Celebration Organising Committee Professor Tapan Saha, our archivist Mike Robinson, and the sponsors: The University of Queensland, Queensland University of Technology, University of Southern Queensland, Ground-Probe and NOJA Power.

The Queensland Section's next major event will be International Conference on Acoustics Speech and Signal Processing (ICASSP). This is the Signal Processing Society's largest and most comprehensive conference. The conference will be held on 29-24 April 2015 at the Brisbane Convention and Exhibition Centre. See icassp2015.org and please contact the co-chair, Vaughan Clarkson, for further information.

Please do not hesitate to contact me if I can be of assistance to you.

Section Vice-chair's report



DR. DANIEL (MEHDI) EGHBAL
m.eghbal@uq.edu.au

Senior Membership Elevation Program

In 2014, the Queensland Section launched its inaugural Senior Membership Elevation BBQ event to encourage and assist eligible members to elevate their membership to senior grade. By December 2014, a total of 40 applications were nominated and endorsed by the Queensland Section.

The majority of applications have been approved and a few are still being reviewed. This will increase the number of senior members in QLD section by 50% in a single year. While, only 7% of IEEE members worldwide are senior members, we are pleased to announce that in Queensland about 10% of our members are now senior members.

The Queensland Section is planning to organise at least one Senior Membership Elevation event in 2015. More information will be emailed to all members shortly. Meantime, if you would like to elevate your membership you will find all the details on the section's website [here](#).

A full list of Fellows and Senior Members can be found [here](#).

2015 IEEE Region 10 Annual Meeting

The 2015 IEEE Region 10 annual meeting was held in Dhaka, Bangladesh on March 6th-8th. These annual meetings provide a great opportunity for all section leaders within region 10 to share experience, ideas and discuss their challenges face-to-face.

It was my first time attending such an IEEE event representing the Queensland Section. Professor Tapan Saha, Queensland Section's immediate past chair and current Australia Council Chair also attended the meet-

ing. I met many section chairs and some IEEE headquarters office bearers.

I also attended the Australia Council meeting in Dhaka, a perfect opportunity to meet other Australian Section chairs and discuss Australia-wide activities such as student paper competitions and the Distinguished Lecturer program.

I picked up many good ideas from the presentations and from talking to other IEEE section leaders. A copy of all presentations can be downloaded from Region 10's [website](#). I encourage Queensland IEEE volunteers to review the presentation slides relevant to your chapter/affinity group.

After attending the 2015 annual meeting, I am very pleased to share with you the fact that the Queensland section is one of the more active sections in Region 10. However, we can always perform better, provide more services to our members, and improve our membership engagement. I will provide the section with a more detailed report shortly, but meantime I would like to share these important points with you:

- Region 10 is the largest region in the IEEE, and increasing membership benefits is one of the main focuses of the Region 10 executive committee.
- The Young Professionals Program Affinity Group has 34,924 members in Region 10 and forms 30% of Region 10's membership. Region 10 is providing support funds for proposals focused on Young Professionals (IEEE members who graduated with their first professional degree within the last 15 years).
- Student members are the future leaders of our society. Recruiting new student members as well as retaining student members after graduation is

very important. Region 10 encourages all sections to promote student activities and to provide subsidised membership fees.

- In 2016, IEEE Region 10 celebrates its 50th anniversary. This is a great milestone for Region 10 and for us.
- IEEE has launched an [integrated online community](#) where technology professionals can network, collaborate, and create, all in one central hub. IEEE members as well as non-members can join for free. I encourage you to register and start building your professional network today.
- The IEEE Awards and Recognition program is designed to recognise the valuable service that IEEE volunteers provide to the community in different capacities and categories. The Queensland section encourages you to nominate IEEE volunteers who you believe have made outstanding contributions to our community.



Region 10 meeting, Dhaka 2015

Webmaster's report



MIKE ROBINSON
blackmagic@computer.org

In mid-2014 I began work on a new Queensland Section website. The [previous website](#) dated from around 2010, and though it was easy to maintain it lacked facilities to place graphics on a page with precision, as well as being monochrome and tedious to navigate.

As an interim measure I gave the old website a makeover that included a coloured background and better page layout. I created an [archive section](#) and added approximately 100 pages of section history that I found on old websites and in the IEEE archives.

Then I designed the new website around modern technology in a new web domain, iee-qlld.org. A dropdown menu on the front page solved the old navigation problems as well as providing direct access to the older website until such time as its content could be reformatted and migrated to the new site. New [home pages](#) for each of the chapters and affinity groups were also created, but I didn't take their development very far.

Planning for the section's 30th anniversary became more important than web development in the latter half of 2014. One of my tasks was to produce a [souvenir booklet](#). When designing the booklet I took advantage of the information I discovered while creating the archives mentioned above and laced the booklet with historical data about the section's foundation and subsequent development.

Now it is time to return to the new website. On my brief stint last year I discovered that the art of web development has become very complicated. In 1999,

when I created a fairly sophisticated web-based accounting system in another life, it was all done with HTML and JavaScript. Cascading Style Sheets (CSS) had not come into vogue and mobile phones were partly novelty items, partly status symbols.

The advent of smartphones and tablets means the web is now available on mobile devices. Designers must take this into account and create web applications that adjust to the size of the viewing screen. This is known as responsive web design (RWD). If you want to experience RWD open www.microsoft.com simultaneously on a smartphone and on a laptop or PC. You can't help noticing the difference.

My task now is to make the new section website responsive to the size of the viewing screen. It is not an easy task as CSS alone will not accomplish the transformation, and RWD is an evolving concept without a fixed way of accomplishing a given result. Browser compatibility is also a problem: what works on Browser X may not be implemented on Browser Y, and it may work differently on Browser X's smartphone implementation than it does on its desktop implementation.

Dropdown menus are one of the major stumbling blocks on a smartphone. Notice how they are handled on the Microsoft website: they are converted to a different presentation style on a smaller screen.

Once I get over the RWD hurdle I will have much work still to do: the old website has over 100 pages on it. 2015 should be an interesting year.

Professional Activities



ALIREZA JOLFAEI

alireza.jolfaei@griffithuni.edu.au

My name is Alireza Jolfaei, born in Tehran, the capital and largest city of Iran. I have done both bachelor (Biomedical Engineering) and master (Telecommunication Engineering) degrees in my hometown, and came to Australia about 3 years ago to pursue Ph.D. studies in Applied Cryptography.

My work focuses on the design and analysis of 3D content encryption schemes. I have a strong passion for programming and solving math problems. My academic journey has been a challenging one, but each milestone I have overcome has made me more determined to reach my goals, and encouraged me to pursue my passions as a crypto scientist.

I am a committee member of the Gold Coast Association of Postgraduate Students (GCAP) and Griffith International, where I am actively involved in providing academic services and support to postgraduate students of Griffith University. I've done well in this role as I enjoy engaging in professional programs for student communities.

I joined IEEE in 2012 and this year I was appointed Chair of the IEEE Queensland Section's Professional Activities committee. I am very excited about this role and look forward to promoting Professional Activities at the pre-university, university and engineering professional levels; working together to advance professionalism within the IEEE Queensland Section.

To commence my work in my new role, I would like to cordially invite you to attend a seminar by Dr Gwenael Doerr from Technicolor R&D France, which will be held at Griffith University, Gold Coast campus on

April 20th at 1:30pm.

This talk is dedicated to informing enthusiastic IEEE members on why and how the entertainment industry invests considerable amounts of money in multimedia forensics. The event will be beneficial to members of both IEEE signal processing and computer societies. Please see the details below, and forward the information to colleagues who may be interested.

The exact location will be confirmed to attendees approximately one week prior to the talk. For more details please feel free to contact me at alireza.jolfaei@griffithuni.edu.au. Thank you in advance for attending this event, and I hope you will enjoy this exciting talk.

Date: 1:30pm April 20th, 2015

Place: Griffith University, Gold Coast campus

Title: Watermarking-based Traitor Tracing to Deter Piracy of Entertainment Content

Speaker: Dr Gwenael Doerr

Affiliation: Technicolor R&D France

Abstract: This talk will be organized in three main parts. To begin with, I will review the ecosystem of the Entertainment industry, survey the different tools available to combat piracy and introduce the multimedia forensics workflow typically in use today.

Next, I will focus on digital watermarking, a technology used to introduce imperceptible machine-readable markers in multimedia content. After briefly going through the fundamentals I will describe in more detail the 2-step watermarking strategy adopted by Techni-

color R&D France and discuss its pros and cons, e.g. to accommodate for HTTP adaptive streaming transmission.

In the last part I will discuss how recent passive forensics techniques could prove useful in the context of watermarking-based traitor tracing. In particular, I will showcase how the low-power flicker signal created by the interplay between a LCD screen and a camcorder could serve as a powerful tell-tale indicator to help forensic investigations. To wrap up, I will discuss enduring challenges in watermarking research and suggest potential avenues for research.

Biography: After a journey oscillating between the academic and the industry worlds (NEC, University College London, HP), Gwenael Doerr eventually settled in Technicolor R&D France where he works as a Principal Scientist on content protection. He has a

well-established track record in watermarking research and now leads research activities on video forensics, whose findings are expected to sustain ContentArmor product line - Technicolor's in-house watermarking-based traitor tracing solution for entertainment content.

He is a Distinguished Member of Technicolor's Fellow Network, a group of scientific and technical experts within the company who contribute to technology-related strategic decision making, and leverage Technicolor's scientific and technical excellence.

He is also the Chair of the IEEE SPS Technical Committee on Information Forensics and Security, an Area Chair for Columns & Forum for the Signal Processing Magazine, and an Associate Editor for the IEEE Transactions on Information Forensics and Security and the EURASIP Journal on Image and Video Processing.

Women In Engineering Affinity Group



ALEXANDRA POSOLDOVA
alexandra.posoldova@griffithuni.edu.au

Committee:

Chair: Alexandra Posoldova

Vice-chair: Bafrin Zarei

Secretary: Marie Luise Wille

I am a PhD student in my second year of study at Griffith University, School of Information and Communication Technology.

My research involves designing a recommendation system for a smart television. It includes pattern recognition, classification, and other machine learning areas. I am also passionate about fuzzy logic, artificial intelligence, and personal development.

I come from Slovakia, where I got my bachelor and masters degrees in engineering.

I have been involved in different fields of engineering for 8 years and have noticed that women are always in the minority in these areas of technology. For some rea-

son women do not see themselves as logical, thinking persons who prefer creative careers.

Personally, I find engineering and doing research very creative. Therefore I would like to encourage more women to relinquish their negative perceptions and find their own way.

Last year was great for Women in Engineering and this year will be just as fantastic, if not better. There are some interesting events coming up, like 3-minute 'pitch your work' events, which will be a wonderful opportunity for building professional networks, building self-confidence, and practising presentation skills.

The WIE committee would love to see you all there!

Young Professionals Program Affinity Group



MOHAMMAD (MO) AMANZADEH
m.amanzadeh.au@ieee.org

Committee:

Chair: Mo Amanzadeh

Vice-chair Reuben Peterkin

Hello and welcome to 2015 from the new Young Professionals Program team. We have Reuben Peterkin (Vice-chair) and Mohammad (Mo) Amanzadeh (Chair) as the committee of The Young Professionals Program Queensland for 2015.

ANZSCON conference was a major achievement for 2014 and we are going to have an even more exciting year in 2015.

We are in the planning stages of a career development series. The series includes events such as professional talks from industry members on career development, workshops to introduce IEEE tools and benefits

of LinkedIn to advance your career, and more social and networking sessions. We will soon announce more details about the series. So, please keep looking for our emails.

Also, don't forget to join the IEEE Queensland Young Professionals [Facebook group](#) to stay up to date and get interesting news from other IEEE young members.

At present, the role of secretary is vacant. If you would like to volunteer for the role please contact me at m.amanzadeh.au@ieee.org. If you have any suggestions, please feel free to pass them on to me on the same email address.



A typical session at ANZSCON2014



ANZSCON2014 organisers and attendees

Computer Society Chapter



DR. TOMASZ BEDNARZ
tomasz.bednarz@computer.org

Committee:

Chair: Dr. Tomasz Bednarz (Queensland University of Technology)

Vice-chair: Dr. Ruslan Puscasu (The University of Queensland)

Secretary: Mike Robinson

The Computer Society chapter held its first planning meeting for 2015 on March 27th, when the committee met to discuss present issues and future activities.

Mike Robinson presented a report detailing the chapter's status and the special problems it faced. These involved lack of communication with the membership in recent years, struggling to hold a minimum of two professional events each year, a distributed membership with diverse interests and requirements, lack of a CBD venue for functions, and inactive committees for the last five years.

Mike Robinson pointed out that most Computer Society chapters around the world were facing similar problems in respect of membership engagement, but there were ways to conquer the difficulties. The committee discussed several suggestions for improvement and settled on a course of action.

Using their industry and academic contacts Tomasz Bednarz and Ruslan Puscasu proposed to stage a series of monthly activities, starting at the end of May. The venues would be the three Brisbane universities, with functions being held in rotation at each venue. QUT would serve as an ideal CBD venue to attract city-based chapter members. The first function,

[Bayesian Statistics for the Big Data Age](#) is scheduled for May 21st at QUT.

The functions would be designed to attract a broad spectrum of members, and would be based around emerging technologies such as Big Data, or established areas like High-Performance Computing, Business Intelligence, Data Modelling, Statistical Learning and Computer Graphics. The Chapter will also collocate near future meetings with the Brisbane Chronos Chapter and the ACM SIGGRAPH Brisbane Chapter. A talk on responsive web design was planned for later in the year. Exciting times!

It was also decided to establish at least one CS student branch at a Brisbane university. There hasn't been a CS student branch at any university for more than 10 years.

Tomasz Bednarz proposed to set up Facebook and Twitter accounts for the chapter as a means of improving communications with the membership.

The committee expressed their confidence in an active future for the chapter in 2015.

Control Systems/Robotics and Automation Societies Chapter



DR. MICHAEL KEARNEY
m.kearney@uq.edu.au

Committee:

Chair: Dr. Michael Kearney (The University of Queensland)

Vice-chair: James Brodie (Carlton and United Breweries)

Welcome to Control Systems Society and Robotics and Automation Society members in the Queensland Section. In 2014, we ran 8 events, and are hoping to do more this year. The office bearers for the chapter this year are:

- The Chapter Chair is Dr Michael Kearney, School of Mechanical and Mining Engineering, The University of Queensland. Michael works in model predictive control and its applications to mining automation, and energy systems. Michael served as Chair in 2014.
- The Chapter Vice-Chair is James Brodie, Carlton and United Breweries, Yatala. James works with automation and control systems in their application of the brewing and packaging of beer, cider and spirits. James is new to the executive this year, but has been a member of IEEE since the beginning of 2009.

We will be in touch soon with upcoming events.

This year has already been big for Robotics within Queensland with the opening of the Australian Research Council Centre of Excellence for Robotic Vision (ACRV) at QUT by the Federal Education Minister Christopher Pyne. The ACRV is funded by a Federal Government grant of \$19 Million and its research will focus on developing robots that can see and comprehend their environment using the sense of vision.

“This is a missing capability that currently prevents robots from performing useful tasks in a complex, unstructured and dynamically changing environment” Professor Peter Corke, the Centres Director (who is also an IEEE Fellow) said. “The research will turn cameras into powerful sensing devices allowing robots to understand and respond to their environments and to work safely side-by-side with humans”.

The ARCV is one of the largest of its kind in the world, and involves a collaboration between leading robot vision researchers from QUT, University of Adelaide, ANU and Monash University as well as international partner universities of Oxford, Imperial College, ETH, INRIA and Georgia Tech and will focus on five areas of Medical and Healthcare, Smart Manufacturing, Infrastructure Monitoring, Agriculture and Automation in Construction.

Guests at the launch were treated to displays of this emerging technology with “Baxter”, a research robot, assisting the Education Minister by cutting a ribbon to officially open the Centre. Earlier in the day, Baxter challenged Professor Corke to a game of “Connect 4” in front of a large media contingent. Losing the first game to Professor Corke, undeterred Baxter challenged the Professor to a rematch which Baxter subsequently won.

We will keep you apprised of the happenings of the ACRV and its upcoming events over the year.



Education Minister Christopher Pyne



Baxter meets the press



Professor Corke with Baxter



Professor Corke challenges Baxter

Power & Energy/Dielectrics & Electrical Insulation Societies Chapter



DR. CHANDIMA EKANAYAKE
c.ekanayake@griffith.edu.au

Committee:

Chair: Dr. Chandima Ekanayake

Vice-chair: Dr. Nilesh Modi

Secretary: Dr. Ruifeng Yan

PES/DEIS is one of the most active chapters in the Queensland section. In 2014 PES/DEIS organised 10 technical programmes (6 technical seminars, one workshop and 2 site visits) and one social event for its members. Two new executive committee members were elected for PES/DEIS chapter for 2015. The new committee members are:

- **Chair** Dr. Chandima Ekanayake (M'00)
This is Chandima's second year as the chair of the PES Queensland chapter. Chandima received his PhD from Chalmers University of Technology, Sweden in 2006. Currently he is a Lecturer in the School of Engineering at Griffith University. Before joining Griffith he was an academic attached to the power engineering research group at The University of Queensland.

He is actively engaged in power engineering research, including condition-monitoring of power apparatus and alternatives for petroleum based insulating oil. He was Chair of the IEEE Sri Lanka Section in 2006 and 2007. In 2012 and 2013 he served as the Membership Development Chair of IEEE Queensland Section. Chandima was Vice-chair of the IEEE Queensland PES chapter in 2013.

- **Vice-chair** Dr. Nilesh Modi (S'06, M'09)
Nilesh is the new vice-chair of the chapter. Nilesh received his Bachelor degree and Masters degree from Sardar Patel University, India in 2001 and 2004 respectively. He completed his PhD from

The University of Queensland in 2013. He has worked with G. H. Patel College of Engineering & Technology, India from 2004 to 2009.

Currently he is working at Australian Energy Market Operator. He has been an active IEEE volunteer of since 2006. He has served in various positions in the IEEE at student branch and section level. He served as Membership Development Chair and webmaster for the Queensland section.



Vice-chair Nilesh Modi

- **Secretary** Dr. Ruifeng Yan (S'09, M'12) Ruifeng Yan received the B. Eng. (Hons.) degree in Automation from University of Science and Technology, Beijing, China, in 2004, the M. Eng degree in Electrical Engineering from the Australian National University, Canberra, Australia, in 2007, and Ph.D degree in Power and Energy Systems from the University of Queensland, Brisbane, Australia in 2012. Since then he has been a Postdoctoral Research Fellow in the University of Queensland.

His research interests include power system operation and analysis, and renewable energy integration into power networks. He has been an active volunteer for IEEE since 2013. In 2013 and 2014 he served as treasurer of the IEEE Queensland Section.



Secretary Ruifeng Yan

Current PES/DEIS activities include:

- **Hosting the APPEEC 2015 conference** We are glad to announce that the IEEE Queensland PES/DEIS chapter won the bid to host the 7th Asia Pacific Power and Energy Engineering Conference in Brisbane. The conference will be held from November 15th-18th 2015.

The conference is fully sponsored by IEEE PES and it is one of the major IEEE annual conferences held in the Asia-Pacific region. This will be an excellent opportunity for Queensland PES chapter members to meet their peers from the Asia-Pacific region. More information about APPEEC 2015 will be circulated in coming weeks. The conference website is located [here](#).

- **Technical co-sponsor of CIDER 2015** CIGRE Australia is organising the inaugural Conference on Integration of Distributed Energy Resources in the Asia-Pacific region with technical co-sponsorship provided by the PES Queensland and NSW chapters.

The conference will be held in Brisbane from August 19th-20th 2015. CIDER is a conference for

industry practitioners focusing on the integration of distributed energy resources into electricity distribution networks. The conference will focus on current problems and on identifying cost-effective technical solutions to overcoming those problems. The conference website is located [here](#).

- **PES Student Travel Prize** IEEE Queensland Section's PES Chapter is calling for applications for the 2015 Student Conference Travel Prize. This is the 6th year PES is offering this opportunity for our student members to travel overseas. Closing date for applications is April 15th 2015. More information on the travel prize is available [here](#).
- **Seminars** PES/DEIS regularly organizes seminars. Last year PES/DEIS received funding of \$US2,500 from the IEEE through its PES Member Driven Initiative program to organise a series of workshops. Last year PES/DEIS organized one workshop under this program, which was a very successful event with more than 60 participants from industry. Similar events are planned for this year. More information will be circulated in due course.

Queensland Section Office Holders

Office	Office holder	Contact
Section Officers		
Chair	Garry Einicke	Garry.Einicke@csiro.au
Vice-chair	Daniel Eghbal	m.eghbal@ieee.org
Secretary	Tony Sahama	t.sahama@qut.edu.au
Treasurer	Mike Robinson	blackmagic@computer.org
Immediate Past Chair	Tapan Saha	saha@itee.uq.edu.au
Newsletter Editor	Hugo Espinosa	h.espinosa@griffith.edu.au
Webmaster	Mike Robinson	blackmagic@computer.org
Professional Activities	Alireza Jolfaei	alireza.jolfaei@griffithuni.edu.au
Membership Development	Yateendra Mishra	yateendra.mishra@qut.edu.au
Awards and Recognition	Preethi Preethichandra	d.preethichandra@cqu.edu.au
Student Activities	Vacant	
Educational Activities	Kalum Udagepola	kalum_udage@yahoo.com
Engineers Australia Liaison	Tapan Saha	saha@itee.uq.edu.au
Teacher-in-Service Program	Mike Robinson	blackmagic@computer.org
Chapter Officers		
Aerospace and Electronic Systems Society		
Chair	Robert Kennedy	Robert.Kennedy@ausaero.com.au
Vice-chair	Vacant	
Secretary	John Davies	jdavies@parallaxprojects.com
Australian Oceanic Engineering Society		
IEEE Queensland Section representative	Navinda Kottege	Navinda.Kottege@csiro.au
Computational Intelligence Society		
Chair	Andrew Lewis	a.lewis@griffith.edu.au
Vice-chair	Amin Gharipour	a.gharipour@griffith.edu.au
Secretary	Zahra Jadidi	zahra.jadidi@griffithuni.edu.au
Computer Society		
Chair	Tomasz Bednarz	tomasz.bednarz@computer.org
Vice-chair	Ruslan Puscasu	r.puscasu@uq.edu.au
Secretary	Mike Robinson	blackmagic@computer.org
Control Systems Society		
Robotics and Automation Society		
Joint Chapter		
Chair	Michael Kearney	m.kearney@uq.edu.au
Vice-chair	James Brodie	james.brodie@cub.com.au
Secretary	Vacant	

Office	Office holder	Contact
Engineering in Medicine and Biology Society		
Chair	Steve Wilson	s.wilson@uq.edu.au
Vice-chair	Mohan Karunanithi	Mohan.Karunanithi@csiro.au
Secretary	Vacant	
Microwave Theory & Techniques Society		
Antennas & Propagation Society		
Joint Chapter		
Chair	Greg Hislop	greg.hislop@csiro.au
Vice-chair	Konstanty Bialkowski	konstanty@ieee.org
Secretary	Antony Lui	h.lui@uq.edu.au
Power & Energy Society		
Dielectrics and Electrical Insulation Society		
Joint Chapter		
Chair	Chandima Ekanayake	c.ekanayake@griffith.edu.au
Vice-chair	Nilesh Modi	n.modi@ieee.org
Secretary	Ruifeng (Richard) Yan	r.yan@uq.edu.au
Signal Processing Society		
Communications Society		
Joint Chapter		
Chair	Andrew Bradley	bradley@itee.uq.edu.au
Vice-chair	Vaughan Clarkson	v.clarkson@uq.edu.au
Secretary	Dharmika Jayalath	dhammika.jayalath@qut.edu.au
Society on Social Implications of Technology		
IEEE Queensland Section representative	Samuli Haataja	s.haataja@griffith.edu.au
Women in Engineering		
Chair	Alexandra Posoldova	alexandra.posoldova@griffithuni.edu.au
Vice-chair	Bafrin Zarei	bafrin.zarei@griffithuni.edu.au
Secretary	Marie Luise Wille	m.wille@qut.edu.au
Young Professionals Program		
Chair	Mohammad Amanzadeh	m.amanzadeh@uq.edu.au
Vice-chair	Reuben Peterkin	reuben.peterkin.au@ieee.org
Secretary	Vacant	

Office	Office holder	Contact
Student Counsellors		
Central Queensland University - Brisbane	Mary Tom	m.tom@cqu.edu.au
Central Queensland University - Rockhampton	Edward Palmer	e.palmer@cqu.edu.au
Griffith University - Gold Coast	Jahangir Hossain	j.hossain@griffith.edu.au
Griffith University - Nathan	Sascha Stegen	s.stegen@griffith.edu.au
Queensland University of Technology	Seyit Camtepe	seyit.camtepe@qut.edu.au
The University of Queensland	Vaughan Clarkson	v.clarkson@uq.edu.au
The University of Queensland (PES)	Tapán Saha	saha@itee.uq.edu.au
University of Southern Queensland	Paul Wen	peng.wen@usq.edu.au
Student Branches		
The University of Queensland		
Chair	Jeremy Taylor	jeremy.taylor2@uq.net.au
Vice-chair	Michael Broe	michael.broe@uq.net.au
Secretary	Ellie Deeb	e.deeb@uq.edu.au
Treasurer	Muhammad Badri Mhd Noor	muhammad.mhdnoor@uq.net.au
The University of Queensland (Power & Energy Society)		
Chair	Jaroslav Krata	j.krata@uq.edu.au
Vice-chair	Hanxiao Zhang	hanxiao.zhang@uq.net.au
Secretary	Vacant	
Treasurer	Vacant	
Central Queensland University (Brisbane Campus)		
Chair	Sujan Chowdhury	sujan.chowdhury@cqumail.com
Vice-chair	Vacant	
Secretary	Juan Munoz Carpio	j.munoz@cqu.edu.au
Treasurer	Arash Daneshvar	daneshvar.arash@cqumail.com