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Editorial:

This is the thirty-fourth newsletter I've edited. This one is being edited with an old version of Libre Office – 5.2.7.2. The newer version I was running decided that it was incompatible with Windows 7 (which my computer is still using). I had to remove the version I had been using and reinstall an older version. This took longer than it might have done, and having five small skin cancers removed was also a distraction, so this Circuit is late because I haven't been quite as dedicated as I might have been.

Tony Zaglas has check our ABN and it is shown as current on the ASIC web-site, and it has been registered for GST since the 1st July 2000. The IEEE lawyers set it up back then, and may know what has been happening since then. I certainly don't.

Chair's Message for March 2026

As we progress into 2026, I am happy to reflect on the strong momentum built up over the past year and on the continued growth of the IEEE New South Wales Section. Our journey from 2025 into 2026 has been marked by meaningful engagement, an expansion of our technical footprint, and a renewed commitment to delivering value to our diverse membership across the academic, industrial, and student communities.

The initiatives launched in 2025 have matured into impactful programs this year. Our emphasis on member-centric activities has resulted in more high-quality technical events, workshops, and networking sessions. These activities not only foster knowledge exchange but also strengthen collaboration between academia and industry, an essential for innovation in today's rapidly evolving technological landscape.

Student engagement remains central to our Section's vision. Building on the successful reactivation and establishment of student branches in 2025, we are seeing a more vibrant and active student community in 2026. Events such as UNITE have continued to grow in scale and impact, bringing together students, young professionals, and industry leaders. This platform has proven invaluable in bridging gaps, inspiring future engineers, and creating pathways for professional development. We are committed to further enhancing these initiatives and welcome ideas that can make them even more effective.

Our technical chapters and affinity groups have also done well. Newly established chapters, along with revitalised ones, are actively organising specialised events aligned with emerging fields such as artificial intelligence, advanced communications, systems engineering, and biomedical technologies. The collaborative efforts between sections, including joint chapters and inter-section initiatives, highlight the strength of our collective vision and our ability to work across geographical boundaries.

IEEE NSW Section continues to play a significant role in supporting and hosting major conferences and flagship events. Our involvement as technical co-sponsors and organisers reflects our growing reputation within the global IEEE community. Looking ahead, preparations are under way for major events, including our collaboration with Australian-New Zealand sections to co-host the ANZSCON 2026, a flagship event in the ANZ Region. Such initiatives provide excellent opportunities for our members to engage with global experts, share research, and expand professional networks.

Our participation in regional and global IEEE activities remains strong. Our engagement with Region 10 leadership and our contributions to strategic discussions ensure that NSW continues to have a voice in shaping the future direction of IEEE. These interactions also allow us to bring back valuable insights, best practices, and opportunities for our members.

I would like to take this opportunity to emphasise the importance of active participation from all chapters, student branches, and affinity groups. Early planning of events, effective communication through vTools, and consistent engagement in Section meetings are crucial to sustaining our growth

and maximising our impact. Your contributions are vital in creating a dynamic and inclusive ecosystem for all members. There will be a new initiative to hold a strategic planning meeting this month to offer more streamlined support to our chapters, student branches and affinity groups.

As we celebrate the spirit of inclusivity and diversity, I extend my sincere appreciation to all members who contribute to the success of our Section. I would especially like to acknowledge the invaluable contributions of all contributors and leadership within our community. Their dedication continues to contribute excellence across all levels of IEEE NSW. I would like to congratulate all winners for 2025 IEEE NSW Section Volunteer Awards. The awards were presented at IEEE NSW Section 2025 AGM and Awards Night.



2025 IEEE NSW Section Annual General Meeting.

Finally, I congratulate all members who have achieved significant milestones, including elevation to Senior Member and Fellow grades. Your accomplishments bring pride to our Section and serve to motivate others.

Let us continue to work together to make 2026 a year of innovation, collaboration, and impact.

Regards,

Syed Muzahir Abbas, Chair, IEEE

Chair, IEEE NSW Section

New Fellows for 2026

Professor Andrew G. Dempster, University of New South Wales



"for contributions to space engineering research and management"

Telecommunications. He is Director of the Australian Centre for Space Engineering Research (ACSER).

Current Research:

All areas relevant to GPS receiver design and signal processing, including all new GNSS systems and signals, interference, multipath, and hardware optimisation. New location technologies such as Locata and WiFi. Developing GNSS reflectometry for space and airborne platforms. Developing space resources, specifically the [Wilde](#) project.

Past Research:

Developing cubesats - UNSW-EC0, INSPIRE-2 (launched 2017).

Pursuing the "[Garada](#)" Synthetic Aperture Radar Formation Flying project, originally funded under the Australian Space Research Program.

Professor Hongyu Zhang, University of Newcastle



"for contributions to intelligent software development and fault management"

"Currently, software development is largely a manual, time-consuming, and error-prone process", says Hongyu, "we can improve such a process by learning from software that was written before".

"Over the years, a large number of software systems have been developed. These software systems are associated with a variety of data such as source code, bugs, logs, incident reports, metric data, etc.

The availability of vast amounts of software data opens the opportunity for us to improve software quality and productivity."

Together with his collaborators and students, Hongyu has proposed many data mining, machine learning (including deep learning), data mining, and information retrieval based methods to extract knowledge from the software data and solve software engineering problems.

Kourosh Kalantar-Zadeh Professor at the University of Sydney



"For contributions to innovations in ingestible and gas sensors, smart displays, and 2D semiconductors."

He advises on High Impact Initiatives at the Faculty of Engineering. He is also one of the Australian Research Council (ARC) Laureate Fellows of 2018.

Prof Kalantar-Zadeh is an Adjunct Professor at the University of Newcastle and is an Honorary Professor at RMIT.

Formerly Prof. Kalantar-Zadeh was a professor of Chemical Engineering at University of New South Wales (UNSW), Sydney, Australia.

Prof. Kalantar-Zadeh is involved in research in the fields of chemical engineering, materials sciences, electronics, and medical devices. He has co-authored >500 scientific papers and books and is also a member of the editorial boards of journals including ACS Sensors, Advanced Materials Technologies, Nanoscale and ACS Nano. He is

also an Associate Editor for ACS Applied Nano Materials journal.

Salil S Kanhere Professor at the University of New South Wales



"for contributions to mobile crowdsourcing and blockchains for IoT"

Salil Kanhere is a Professor at the School of Computer Science and Engineering at UNSW Sydney, Australia.

His research interests span cybersecurity, pervasive computing, IoT, blockchain, and applied machine learning.

He is an IEEE Fellow, an AAIS Fellow and an ACM Distinguished Member. He received the Friedrich Wilhelm Bessel Research Award (2020) and the Humboldt Research Fellowship (2014) from the Alexander von Humboldt Foundation in Germany.

He also received the IEEE ComSoc IoT, Ad Hoc and Sensor Networks Technical Committee (IoT-AHSN TC) Technical Achievement and Recognition Award (2025); and twelve Best Paper Awards.

He serves on the advisory board of three SMEs and has held visiting positions at RWTH Aachen, I2R Singapore, Technical University Darmstadt, the University of Zurich, and Graz University of Technology.

Salil is the Editor in Chief of the Ad Hoc Networks journal and an Associate Editor of IEEE Transactions on Network and Service Management, Computer Communications, and Pervasive and Mobile Computing. He has participated in organising committees for several IEEE/ACM international conferences and is a member of the steering committees for IEEE LCN and IEEE ICBC. Salil has also co-authored two books.

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**FOR IEEE NSW
CHAPTER MEMBERS**

**USE THE CODE:
IEEEENSW2022**

New and Upgraded Members.

For the period from the 30th September 2025 to 28th February 2026 .

New Fellows

We have four new fellows. Pages 4 and 5 above have pictures and a little biographical detail.

Andrew	G	Dempster	Kourosh	Kalantar-Zadeh
Salil	S	Kanhere	Hongyu	Zhang

Life Fellows

We have three new life fellows.

Yingjie		Guo	Wei	X	Zheng
Jianguo		Zhu			

Life Senior Members

We have no new life senior members.

Life Members

We have 25 new life members.

Robert	C	Baker	Shun	M	Chan
Philip	J	Crawford	Michele	E	Febo
Richard	P	Griffiths	William	M	Holliday
Robert	G	Jenssen	Joseph	M	Kam
John	R	Leaney	Andrew		Luk
C		Martinic	Paul	J	Mcmahon
Enomal		Mendis	David	W	Moore
John		Mouatt	Graham	A	Murdoch
Philip		Murphy	Neil	T	Murrin
Russell		Nuridin	David	N	Riesel
Peter	J	Seebacher	Lewis	G	Waller
David	T	Wong	Kin	Wah	Wong
Timothy	O	Wooller			

Senior Members

We have thirty-one new senior members.

Gursel		Alici	Mohammed	Ajaz	Alikhan
Nauman		Aslam	Alpha		Bah
Mahmuda		Begum	Paul	P	Breen
Clement	Louis	Canonne	Eva		Cheng
Francisco		Cruz	John		Daniels
Majid		Farhangi	Michael	William	Fowlie
Carmine		Gentile	Fuchun		Guo
Ibrahim	Anwar	Ibrahim	Justin		Lipman
Bin		Liu	Siqi		Ma
Nour		Moustafa	Mukesh		Prasad
Safdar		Rasool	Vivek		Sharma
Kenneth	William	Smart	Stephanie	L	Smith
Samuel		Tensingh	Anwaar		Ulhaq
Xianzhi		Wang	Xiaoke		Yi
Rui		Zhang	He		Zhao
Jianlong		Zhou			

New Members

We have forty-five new members

Mohamed	Khaled	Abu Mahmoud	Tanzeela		Altaf
Graeme		Best	Bian		Bin
Dilek		Cetindamar	Xiao		Chen
Federico		Collarte	Ajit		Dash
Thanh	Nho	Do	Christopher		Escott
Andrew	J	Fleming	Cinthia	Joy	Godly
Sathyanarayanan		Jaganath Rao	Tony		Jan
Pablo	Miguel	Jurado	Zhigang		Lu
Ian	R	Manchester	Vera Dmitriyevna		Miloslavskaya
Ghulam		Mohy-ud-Din	Shekhar		Mondal
Sebastian		Montabone	Mathew	Mark	Mytka
Oliver		Obst	Duc	Minh	Pham
Thuy	Thi	Pham	Franck		Poubeau
Youming		Qiao	Jason	Jia Sheng	Quek
Subhash		Sagar	Xiaoqing		Shen
Mark		Sinclair	Prabhu	Jyot	Singh
Pingyang		Sun	Qiang		Tang
Yuchen		Tian	Abhishek		Tiwary
Jennifer		Wakulicz	Nathan	Daniel	Wallace
Yiduo		Wang	Anusha		Withana
Stephen		Wolfson	Fang		Yao
Guanqin		Zhang	James		Zhao
Xinli		Zhu			

New Graduate Student Members

We have 82 new graduate student members

Sajib		Ahmed	Rohan	Anand
Samrah		Arif	Mr.	Aryan
Filita		Barker	Shazia	Batool
Hanwen		Bi	Arian	Boostani
Beining		Cao	Fredo Paraginog	Chavez
Hong	Liang	Cheah	Yuanzhe	Chen
Qi		Chu	Nirmani	Dasanayake
Mohammad		Faisal	Muhammad Umar	Farooq
Jianqin		Gao	Shiming	Guo
Aman		Gupta	Yi	He
Yizhi		He	Yuxia	Hua
Muzaffar		Hussain	Nguyen Huy Hoang	Huynh
Yanna		Jiang	Yue	Jiang
Georgia		Kalogianni	Grace	Kennedy
Danlin		Li	Jian	Li
Na		Li	Zilu	Li
Xiaoxian		Liu	Xuemeng	Liu
Yingli		Liu	Leon	Luo
Yifu		Luo	Rammohan Rao	Makineni
Anand		Mandal	Sunaina	Mandipa
Euan	Jacob	Mendoza	Sahar	Moradi
Salman		Nadeem	Mahesh	Nagarajan
Tengjun		Ni	Ming Cheng	Nie
Quang	Minh	Pham	Hualin	Ren
Juan		Ren	Bishal	Rimal
Danial		Rizvi	Mohammed	Sameer
Muhammad	Syahman	Samhan	Adam	Scicluna
Khaja	Ahmed	Shaik	Brady	Shearan
Nicholas		Smith	Shangyi	Sun
Xushuo		Tang	Aaron	Thomas Pereira
Abdullah		Toqeer	Krishna Rajendra	Turkane
Jiyong		Wang	Liping	Wang
Xiaoyi		Wang	Xinlei	Wang
Zikang		Wen	Keda	Xu
Shunxi		Xu	Sija	Xu
Ming		Yan	Xuanhua	Yin
Syeda	Afia	Zahin	Xianghong	Zeng
Tianxu		Zhang	Xiaoqi of Technology	Zhang
Yizhe		Zhang	Yuanzhe	Zhang
Zihao		Zhang	Zhenming	Zhao
Ziyi		Zhao	Xuelan	Zhu

New Student Members

We have thirty-three new student members.

Louis	Agnese	Issa	Mohamad	Alhelani
Thomas	Allinson	Axel	Shean	Anderson
Belgutei	Byambadorj	Daniel	Charbel	Chahine
Zixu	Cheng	Jangar		Enkhbaatar
Haowen	Gao	Jonah		Gonzales
Anna	Gu	Yue		Guo
Yuexi	He	Isaiah		Iliffe
Kushagra	Javeri	Suresh	Babu	Kadava
Tharushi	Kalinga	Anna		Kalogianni
Tamara	Martin	Abigail	Jane	McPhan
Hovig	Melkonyants	Hannah	Claire	Mulcahy
Lachlan	O'Connell	Joshua	Alberto	Quispe
Valerii	Radchenkov	Zhenyu		Shen
Yiting	Tang	Norman		Thien
Haotian	Wu	Kaixuan		Wu
Siyi	Xiao	Larissa		Yip
Matthew	Hei Chit Yuen			

New Affiliate Member

We have two.

Layale	Harb	Basem	Suleiman
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New Associate Members

We have two of them too.

Ben	Wilkinson	Wenxi	Yue
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Any student members who would like to be on the Student Branch Committees and any members, especially academic staff, who would like to be their mentors, please contact Dushmantha Thalakituna dush.thala@gmail.com (student activities chair) or bruce.poon@ieee.org (0414 662 766) to register your interest.

There are a number of members who are qualified to be senior members. If you are interested to upgrading your membership, please do not hesitate to contact Bruce Poon at 0414 662 766.

"Membership" for Life members are free. However, you do need to renew it annually. Renewal is simple and easy and can be done via the IEEE web site.

If you have not renewed your Life Membership, please log onto IEEE website to do it.



Submitted by Dr. Bruce Poon – e-mail bruce.poon@ieee.org

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