

CANDIDATES' ELECTION STATEMENTS

IET Elections 2019

ELECTION TO THE BOARD OF TRUSTEES 2019 - ORDINARY MEMBERS

ELECTION TO COUNCIL 2019 - ORDINARY MEMBERS

ELECTION TO THE COMMUNITIES RESOURCING COMMITTEE 2019 - ORDINARY MEMBERS

ELECTION TO THE COMMUNITIES COMMITTEE - SOUTH ASIA 2019 - ORDINARY MEMBERS

ELECTION TO THE COMMUNITIES COMMITTEE - UNITED KINGDOM 2019 - ORDINARY MEMBERS

ELECTION TO THE TECHNICAL AND PROFESSIONAL NETWORKS COMMUNITIES COMMITTEE 2019 - ORDINARY MEMBERS

ELECTION TO THE YOUNG PROFESSIONALS COMMUNITY COMMITTEE 2019 -
ORDINARY MEMBERS (UNDER 30)

Please read carefully before casting your vote.

ELECTION TO THE BOARD OF TRUSTEES 2019 - ORDINARY MEMBERS

LIM, Yew Kee. CEng MIET



AM 1986, M 2010

Vice-President, Tauhop Solutions, Bayan Lepas, Penang, Malaysia; Adjunct Lecturer, School of Mechanical Engineering, Universiti Teknologi Petronas, Perak, Malaysia

Nominated by Adrian F Pauling, Robert B Heaton, Mohd Zaid Bin Abdullah, Arjuna Bin Marzuki, Goh Hui Hwang, Yap Vooi Voon, Chan Cheong Loong, Teh Peh Chiong, Yen Kin Sam, Lee See Fung

"I am Vice President of Tauhop Solutions and a Chartered Engineer, United Kingdom. My professional experience of 30 years from the manufacturing industry; having held various senior management roles in Fortune 500 companies; dealing in complex engineering solutions, technological startup facilities, corporate businesses, and full P&L responsibility in managing multi-site operations globally.

Professional and Academic Appointments: Member of Panel (PNOSS; Life Member), National Industry Expert (DPIN), National Occupational Skills Standard, Ministry of Human Resources Malaysia. Industry Advisory Panel (IAP), External Assessor for Engineering Campus, Universiti Sains Malaysia (Penang) in Malaysia. Adjunct Lecturer, School of Mechanical Engineering, Universiti Teknologi Petronas (UTP), Malaysia. Industry Speaker (subject-matter expert) at universities in China, Singapore and Malaysia. Guest-of-honour and Member of Advisory Committee to international symposium & conferences (local and international organisers), eg IoT-SDN/NFV 2018, ICRAIEM 2018 and others.

Professional Activities at the IET: Council Member (2015/18), Chairman of IET Internet of Things Network, IPRA, PRI, Ambassador for IET China, and IET Industry Representative. My achievements are: Year 2016 - I've organised the 1st TPN event in Asia Pacific region as an Executive Member of IET Manufacturing TPN and numerous technical seminar. Year 2014-2018, collaboration of twelve events with Higher Education of Institutions (HEIs) and multinational companies, attended by 1,000+ participants. I am especially pleased in organising numerous seminars, talks and technical visits in promoting IET to practicing engineers.

My decision to seek election has been motivated by the many successful events organised with governmental partnership, and also guided by my chartership as a Chartered Engineer. I will definitely continue to drive and bring fresh ideals as an elected ordinary member to the IET's Board of Trustees. Hereby, I sincerely seek your valuable support in electing me as an ordinary member to the IET's Board of Trustees."

BELGER, Ian. BSc PhD CEng FIET



Age 56. M 1999, F 2006

Chief Electrical Engineer, Sellafield Ltd, Warrington, United Kingdom

Nominated by the Board of Trustees

"It is a privilege to be nominated by the Board of Trustees to stand for election as a Trustee from October 2019. A Trustee role sits at the heart of the IET and doing it gives me the chance to support the Institution in its strategy and forward planning, and to continue to connect to my main passion - volunteering.

I've held many volunteering roles and am an active Professional Registration volunteer. I've been a member of the Volunteer Engagement Board, of the Volunteer Support Working Party since its formation and was its Chair until moving to my Trustee role. I won the Volunteer Medal in 2016 and have chaired the annual Registration & Standards Conference on four occasions. By chance, I have been given the opportunity to take on a Trustee role in 2018/19 because of a vacancy, so am already becoming familiar with the role and the opportunity to support the Institution.

Volunteers are central to all IET activities and we support the need to Inspire, Inform and Influence. I am passionate about representing Volunteer interests on the Board of Trustees and strongly advocate the One Team Working approach. I continue to promote improved Volunteer leadership and closer collaboration between the staff and active volunteers, believing that we will have the best chance of success if we support each other and work together. The UK needs our Institution to support the broader interests of its members in what are challenging times for us all. It is an honour to play my part as a Trustee and I hope you will consider voting for me so that I can continue to provide this support."

AKINOLA, Yewande. BEng MSc CEng MIET



Age 34. M 2013

Principal Engineer, Engineering Excellence, Laing O'Rourke, Dartford, United Kingdom

Nominated by the Board of Trustees

Yewande was named the Institution's Young Woman Engineer of the Year in 2012 and has continued to fly the IET flag at events with varied audiences around the world. As a great believer in the message and purpose of the IET, she has over the years become a 'face of engineering' giving engineering talks in schools, supporting international competitions, speaking at engineering themed public events and contributing to the expansion of the IET's membership base. She has huge regard for the openness and diversity of the Institution and is very excited about the continued role the institution has in creating global platforms for engineering innovation and global development - one she very much wants to be a contributing part of.

Yewande's engineering experience and responsibilities include the design of sustainable water supply systems and the engineering design coordination of large projects in the built environment. She has worked on projects in the UK, Africa, Middle East and in East Asia. She has won several awards including the UK 35 Under 35 (Management Today's 35 Women Under 35 2013) and UK Outstanding Woman in STEM (PRECIOUS Award 2014.) Her current role is in design for manufacture and assembly for construction, project engineering and innovation management.

She is very committed to engaging with wider audiences and has presented engineering television programmes for Discovery, National Geographic, Channel 4 and most recently children's television - CBBC.

"The IET represents modern Engineering in every sense and is, without a doubt, right at the heart of the future of Engineering. An opportunity to be part of the Institution's incredible vision would not be taken for granted as I will work hard to contribute to its progress with tangible ideas."

MORTON, Edwin. BSc CEng MIET PEng



AM 1973, M 1979

Systems Engineer, Correctional Service of Canada, Ottawa, Canada

Nominated by Hudson Egbert, Savvas Savvides, Tony McGrail, Bhagvat Joshi, David Mann, Paul Smith, Alkis Spyrou, Richard Tregaskes, Jana Jananthan, Mike Lancaster

"As an active volunteer for 39 years and a member of Council for 6 years, I have served in many leadership roles including Deputy Chair and Chair of Council, member of the CCT and CAT, Chair of the Monitoring Governance WP and member of the G4F Review Group, Chair and Secretary of the Ottawa LN. I also cofounded an environmentally focused "Not for Profit" 23 years ago and served as the Chair for ten years, now continuing as a Director.

My professional work includes roles in the Telecommunications and High Security industries at Director, AVP and VP level. All requiring leadership, financial acumen and a strong understanding of business strategy. My skills include well developed written and verbal communications, such as preparing and presenting papers at International Conferences. My well-developed moderation and consensus building capabilities have been honed through both my professional and volunteer roles. As a Systems Engineer with Correctional Service Canada, I define, design and manage the deployment of "next generation" Security Command and Control platforms.

If elected a member of the BoT, I will build on my experience as an IET volunteer and my strong working knowledge of how the IET "operates". I am passionate about the future of engineering and I am confident that I can make a significant contribution to the future of the IET. My objectives will include: improving the IET's value proposition, especially as the challenges and opportunities of Brexit unfold; promote a culture of continuous improvement, developing and supporting ways of capturing the interest of the millennial generation, increasing its brand recognition with young people; supporting STEM activities to ensure children are exposed to engineering as a career choice; enhancing staff, Board, Council collaboration as "One Team"; ensuring that members views on the IET strategy and direction are heard, reviewed and considered."

SPYROU, Aikis. CEng MIET



Age 38. S 2001, M 2005

Business Development Manager, Aquiver Capital, Nicosia, Cyprus

Nominated by Xen Christodoulou, Frank Johnson, Edwin Morton, Ray Piggott, Richard Spalding, Rhys Phillips, Michele Fiorini, Ali Hessami, Colin Davis, Muthamizhchelvan Chellamuthu

“Currently entering my 18th year as an IET (& IEE) member, I have been through the ranks of the Institution, always trying to add value and support engineers and future engineers. During these years, I have accumulated knowledge and skills that allow me to mentor and help fellow IET volunteers and members.

Following my tenure as member of the Knowledge Services Board (then Knowledge Management Board) in 2010 and now a Council and Volunteer Engagement Board member, I am confident that I am in a position to leverage this know-how and experience for the future development of the Council and subsequently the IET.

My expertise at the international community coupled with my knowledge at the UK level, would be greatly utilised in addressing the changes that have been taking place; hoping to improve the IET both internally and externally.

I strongly believe that refreshing voices with new and international ideas will further enhance the new IET and the new way forward for the Council and the IET, on the UK and international frontier.

My current role as the Education Liaison of the Cyprus LN has shown me that as IET we need to engage more and invest time and effort with the age group 5-19 and inspire them to make a difference - be an engineer.”

WHITNEY, Gill. BSc MSc CEng MIET SFHEA



S 1983, AM 1983, M 2000

Associate Professor, Middlesex University, London, United Kingdom

Nominated by Andy Ball, Barry Dobson, Bernard L Weiss, David Parr, Ian Phillips, Dawn Ohlson, Paul Needham, Richard Hines, Sean Wellington, Kate Sugden

Gill has been a member of the IET since June 1983. Whilst working as an engineer and academic she has been active in campaigns to promote women in Engineering and also in the teaching of professional skills.

Gill has been employed at Middlesex University for over seventeen years. She has worked in the area of Digital Inclusion and of knowledge transfer with respect to European, International and British Technical Standards creation and use. She has been active in the area of Digital Inclusion since starting work in the Royal National Institute of Blind People in 1988. Her research has focused on the use of communication systems by older people and people with disabilities.

Gill has involved in consumer policy work for over fifteen years. She is an ANEC (The European consumer voice in standardisation) expert in both the areas of The Digital Society and of Accessibility. She has contributed to the writing of policy and regulation documents ranging from International Standards to University accessibility policies. She also teaches legislation and regulation to students within Middlesex University's Department of Computer Science.

Gill has just completed a part time MA in Creative Writing at Manchester Metropolitan University. This has provided her with both an external interest and a way of considering how we teaching creativity to engineering students.

Gill has a strong technical background in the area of communication systems, connected technology and practical security. Gill believes that her technical background combined with her research and standardisation activity would make her a useful person on the IET Council.

CHEN, Yue. BEng MEng MBA PhD CEng MIET SMIEEE FHEA



S 2001, M 2004

Director of Education, Queen Mary University of London, London, United Kingdom

Nominated by Andy Watson, John Schormans, Ling Ma, Matthew Tang, Yasir Alfadhli, Mark Sandler, Kok Ho Huen, Akthar Hussain, Eliane Bodanese, Marie-Luce Bourguet

Yue Chen is currently a Professor of Telecommunications Engineering at the School of Electronic Engineering and Computer Science, Queen Mary University of London. She received her BEng in Radio Engineering, MEng in Optical Communications from Beijing University of Posts and Telecommunications, China, in 1997 and 2000, respectively. Yue received her PhD in Telecommunications from Queen Mary University of London, UK, in 2003 and MBA degree from the Open University, UK, in 2013.

Yue has fourteen years of experience in academia and she has been working with talent young people to nurture their aspiration of becoming professional engineers ever since she became a lecturer. With a background of being through both Chinese and UK education systems herself, Yue has always been keen on developing international education. In 2004, she was involved in establishing one of the first Transnational education joint degree programmes between UK and China on Engineering subjects, which now has over 2600 students enrolled and are all registered as IET student members. Yue has been invited to give talks on various conferences and seminars related to engineering education, such as those organised by UK Quality Assurance Agency (QAA), China Education Association for International Exchange (CEAIE), Engineering Professors Council (EPC), the Observatory on Borderless Higher Education (OBHE). She is also committed to promoting STEM subjects to female students and has been actively engaged with IET supported activities, like Children's Christmas Lectures and the First Lego League.

Yue is passionate about education and professional development. She hopes to promote engineering internationally and encourage more women into STEM based careers.

ESU, Ozak. BEng PhD MIET



S 2008, A 2011, M 2011
Technical Lead, BRE Group, Watford, United Kingdom
Nominated by the Board of Trustees

Ozak joined the IET as a Student in 2008 while studying on an accredited course, BEng Electronic and Electrical Engineering at Loughborough University. Following her successful completion of this course in 2011 with First Class Honours, she became a Member (MIET). In the same year, Ozak was awarded a Loughborough University Studentship worth £54,000 to advance to her PhD in Electronic and Electrical Engineering which she completed in 2016, authoring and publishing several research papers.

While studying at Loughborough University, she became a STEM Ambassador volunteering at numerous engineering fairs and competitions including, FIRST® LEGO® League in partnership with the IET, Engineering Development Trust (EDT) Headstart, and the British Science Association scheme, CREST in a Day. She also participated in various IET initiatives including: Present Around the World (PATW) Competition 2012, Women's Engineering Society (WES) Conference 2013, Renewable Power Generation (RPG) Conference 2014, Young Professionals Global Challenge 2014/2015 and 2016/2017.

Partially concurrent with her PhD, she began full-time employment in 2014 at multidisciplinary engineering consultancy, Cundall where she led the appraisal of existing electrical infrastructure, and the design, construction and installation of new electrical building services on national and international projects prior to joining BRE Group as a Technical Lead in smart buildings.

In 2017, she was the recipient of two prestigious IET awards: The IET Mike Sargeant Career Achievement Medal for her contributions to engineering, and The IET Young Woman Engineer (YWE) of the Year Award, serving in an ambassadorial role promoting the IET and engineering by engaging with pupils, students, parents, teachers, organisations, and members of parliament.

Ozak is very knowledgeable about the IET and its objectives. She is a panel member on the IET Engineering Horizons Bursary and serves on the judging panel for the Innovation (Power and Energy Category), and YWE Awards, responsible for assessing applications.

PREBBLE, Graham. BSc MBA CEng MIET



Age 54. M 1991
Retired Electrical & Electronic Engineer, Coventry, United Kingdom
Nominated by Derrick Willer, Roger Medwell, Orla Murphy, Stephen Gergely, Duncan Whittle, Peter Ward, David Archer, Simon Brook, Nikola Gargov, Don Brown

Graham Prebble is an active member of the Coventry & Warwickshire Local Network Committee and has been a volunteer for more than 20 years. Graham holds a BSc in Electrical & Electronic Engineering and an MBA.

He started work in 1986 designing high speed digital control systems for mini & mainframe computers, moved on to military electronics before a going into telecoms. He worked on the research and prototype units for the first broadband to the home technologies. Further telecommunications work then led into automotive electronics and systems design. Several years of running cross European research programmes followed before a move back to Automotive engineering and manufacturing engineering.

Graham has now retired early to allow him more time to devote to the IET as a volunteer. He is also involved with local schools and spends time working to promote STEM activities as a Director of a multi-academy trust. Whatever time is left over is spent playing the bagpipes in a RAF voluntary military band.

Graham was asked by his Local Network Committee to stand for election, and is delighted to stand for election to Council. He has concerns that the IET's move to a more corporate body sometimes seems to leave the membership behind at times. The IET rather forgets it is first and foremost a learned society set up and evolved to promote and share ever increasing knowledge in a broad and diverse range of engineering fields. Should he be elected he will seek to represent the members and volunteers views whilst promoting the highest levels of governance and accountability.

LENIN FRED, A. PhD MIET



Age 45. M 2015
Principal, Mar Ephraem College of Engineering and Technology, Marthandam, Tamilnadu, India
Nominated by S Joseph Jawhar, C Agees Kumar, P Jomole Joseph, M S Vikram, V Kumarasamy, G K Nisha, P Sheenu, A V Soumya, Vijay Shernivas, M S R Raj Santhosh

Dr A Lenin Fred obtained his BE and ME in Computer Engineering from Madurai Kamaraj University, India, and completed PhD in Computer Engineering from Manonmaniam Sundaranar University, India.

He is currently the Honorary Chairman of IET Kanyakumari LN since 2017. He is an eminent scholar, teacher, researcher and administrator. He has published 40 papers in all these areas. He has received Rs 5.05 Crores for various ongoing projects from funding agencies such as DST, ISRO and so on. He has filed for 4 patents.

He is the Academic Editor of PLoS ONE, Taylor and KSII Transactions on Internet and Information Systems. He is a "mentor of change" for Atal Innovation Mission, NITI Aayog, Government of India.

He is a highly committed and experienced leader of IET activities, still serving as an active volunteer, who is passionate and enthusiastic about the future of our IET. He has been serving as the General Chair, Member Organizing Committee, Keynote Speaker, Secession Chair of multiple National and International Conferences. He received "Dr A P J Abdul Kalam" best researcher award from IET Kanyakumari Local Network.

"If elected, I will actively involve in strengthening the volunteer network, membership and global communities, ensuring that the network and communities are adequately supported through the right support mechanisms. I would strive to serve the members of the Institution in all aspects. I will build IET based on the success of the past, while delivering an Institution that is acknowledged globally, as an exemplar of governance, knowledge sharing and vision".

BANKS, Faye. MBA MSc MEng CEng FIET CMgr FCMI



Age 39. M 2012, F 2015
Director of Energy, Costain Group plc, Leeds, United Kingdom
Nominated by the Board of Trustees

"With a long and esteemed professional career within Engineering, I am absolutely passionate about furthering what engineering provides for this country and the wider international engineering community. Having left school with no formal qualifications and gaining a non-skilled role in the manufacturing sector I gained an insight into how engineers truly added value to business. This awareness prompted me to re-educate myself, enabling me to secure a role as an Electrical Engineering Apprentice and I have never looked back.

I have been a STEM ambassador for over 20 year and I am absolutely committed to the ethos and purpose of the IET. I am currently a North Yorkshire Committee member and I have held the Chair and Vice Chair positions over the last 5 years. I was the initial Chair of the Horizons Bursary Funds and have also sat on the Committee for the Diamond Scholarships Awards. I am currently a member of both the IET's Audit and Risk Process Committee and Finance and Investment Committee.

Throughout my journey, I have achieved 4 Masters degrees amongst many other qualifications and I am now undertaking a PhD. My focus and drive towards engineering and the IET has been absolute. Whilst I have not sought recognition, I won the UK Young Woman Engineer of the Year in 2004, National Higher Education Gold Award 2005 was named in the Telegraph Top 50 female Engineers 2016, Open University Alumni of the Year 2018 and the English Women's award for services to Science and Engineering 2018.

Now as Director of Energy for Costain, I am proof that with the right drive, and support from a great organisation like the IET, anyone can progress a successful life in STEM."

ROGERS, Andrew J. ADC CEng MIET



Age 45. S 1991, A 2001, M 2015
Corps Colonel of the Royal Electrical and Mechanical Engineers, British Army, Chippenham, United Kingdom
Nominated by Scott Tomlinson, John Main, Roy McHenry, Ray Smith, Mike Prewett, Michael Tizard, David White, Rodney Passingham, Ian Dufour, Mark Neal

After completing his degree at Leeds University, Colonel Andy Rogers commissioned as an Army Officer into the Royal Electrical and Mechanical Engineers (REME) in 1997. He spent most of his early career supporting tank regiments and armoured brigades, based in Germany.

Over the last 10 years, Andy has been a Requirements Manager in a procurement project team, as a French speaker he completed the Advanced War College in Paris, he has been the Military Assistant to the Supreme Allied Commander of NATO Operations (SACEUR) in Belgium and has commanded a REME Battalion of over 460 operational tradesmen, providing direct repair, maintenance and engineering advice to the Field Army. He has conducted multiple operational deployments including Bosnia, Kosovo, the war in Iraq in 2003 and, most recently, he deployed to Chad in 2018 to support an African headquarters in the fight against Boko Haram terrorists. He assumed the role of REME Corps Colonel in November 2018 and is now responsible for the professional development of over 8000 technical officers and soldiers.

Andy originally joined the IEE as a student in 1993 before amalgamation into the IET in 2006. As a proven strategic planner with international experience he has commanded engineering teams at every level in Army, as well as working in a project team of Civil Servants at the Defence procurement organisation in Bristol. In his current appointment he is the representative head of the Corps of REME, the Army's professional engineering branch, and is responsible for the personal development and career progression of all REME personnel - this includes the assessment and selection of candidates for technical appointments and the encouragement of appropriate registration with Professional Engineering Institutions. "If elected, I would work to improve awareness and membership of the IET and encourage greater integration and involvement of Defence personnel."

TSANG, Mark Kai Yeung. BEng BBA MSc CEng MIET



Age 30. S 2009, M 2013
Engineer I, Power Systems, CLP Power (Hong Kong) Limited, Hong Kong SAR
Nominated by Ben J Y Li, William C S Wan, C N Leung, Justina Ho, K W Chen, John H K Chow, Eric H L Chan, K L Yau, Tim Woo, Karen H Y Chung

Mark Tsang started volunteering at IET Hong Kong in 2009, as Chairman of Students Section Hong Kong, while he was studying at the Hong Kong Polytechnic University. Over 9 years of service, Mark has led different training and mentoring programmes, organised professional networking and technical events, delivered STEM talks and workshops, chaired Younger Members Section in session 2016-17, and actively involved in 30th Anniversary Celebration Organising Committee of IET Hong Kong Branch in 2018.

Mark was fully supported and nominated by members from the local Branch Committee and young IET members of Hong Kong.

Mark holds himself energetic and self-motivated. If elected, he would keep supporting IET as a diversified, and multi-disciplinary community. With his proven volunteering records and network with local professional bodies, Mark believes he could bring across the message of professional development and STEM education to local engineers' community and schools. He would also stand for members and engineering students from Asia Pacific, enhancing the value of membership, supporting their career planning and professional registration.

Mark obtained his BEng in Electrical Engineering in 2011, BBA in Management in 2011, and MSc in Electrical Engineering in 2014, all from the Hong Kong Polytechnic University. He stayed in Nanjing, PRC and Paderborn, Germany for studying. He successfully registered as a Chartered Engineer through IET in 2018. Mark is now working at the CLP Power Hong Kong Limited as an emergency service engineer in power system.

SMITH, David. BSc PhD CPhys FIET



F 2010
Director of Central Technology, Rolls-Royce, Derby, United Kingdom
Nominated by the Board of Trustees

Dave Smith is Chair of the IET Policy Panel on Innovation and Emerging Technologies and holds a Physics PhD from Warwick University.

"The IET has given me many opportunities to give something back to engineering in various volunteering roles and for that I will always be very grateful.

In my career so far I have been privileged to have helped develop technology and engineering for blue chips, government, academia and start-ups. Even more fortunately I have been given the opportunity to do so across several of the UK's great industries - Defence, Pharma, Consumer, Automotive and Aerospace. In return, I would be honoured to do even more to help the IET keep engineering at the forefront of the UK in the minds of government and to serve its members through the next few years, full of challenge and opportunity as those years are.

What makes the IET stand out from other Institutions is the membership - certainly the biggest, but also full of so many talented people, giving their time to volunteer in so many ways. I enjoy learning from them all and am grateful that my breadth of experience has, in turn, been useful to others."

Dave joined Rolls Royce in 2017 as its Director of Central Technology from Ricardo Automotive Engineering Consulting. At Rolls-Royce, he is responsible for technology central to all businesses, including the university network. At Ricardo, he was Managing Director for the engineering teams based throughout Europe and also for the customers in Japan, India and Korea. Previous experience also includes Global Head of PA Consulting's technology consulting, product development and innovation business. Whilst he was Managing Director of communications and software R&D company Roke Manor, they received the Queen's Award for Innovation and multiple other awards for engineering and recognition as Best Employer.

JOHNSON, Frank. BSc MASc PhD FIET PEng



M 1976, F 1992
President, Ottawa Instrumentation Ltd, Ottawa, Canada
Nominated by Colin Billowes, Gareth Wood, John Vines, Bhagvat Joshi, Hudson Egbert, Stan Xavier, Graeme Allan, David Mann, David Farmer, Pat Doherty

"The IET has great potential and Council should provide crucial encouragement. If elected I would address the tasks below to ensure affirmative action. Council should:

- Advise the Trustees on direction and strategy.
- Communicate members' views.
- Monitor governance and promote a culture of continuous improvement.

Council fails to deliver effectively on these tasks because:

- Time for face-to-face, in-depth, cross-board discussion is severely curtailed.
- Strategic discussion is stilted and insubstantial.
- Council does not efficiently use on-line methods for discussion.
- Council has no adequate methods for assessing the views of members and non-members.
- Efforts to advise have been shown to be severely edited or ignored.

Council must address these challenges or risk irrelevance. The Plenary session of Council includes Trustees and senior staff. It must constructively discuss broader cross-board issues such as:

- Challenges to the relevance of the professional bodies.
- Out-of-the-box solutions to the attrition of Inspec revenue.
- Continuity when in three years Knowledge Services has had three Directors and three Chairs of the Knowledge Services Board.
- Rationale for increasing remuneration of IET top executives at six times the rate of other staff.
- A top emolument reported in 2017 that is double the entitlement of the UK Prime Minister.
- Disparity of gender in senior IET appointments.
- Membership is increasing, but so too is the "churn". Attraction and retention of younger members, especially outside the UK, merits focussed attention.

Which all lead back to the core vision that Council ought to be well placed to consider:

- What are the views of members about the function of the IET?
- What are the strategies to deliver that function?
- How can Council effectively ensure that these strategies are delivered?"

Dr Johnson has been a member of Council, Knowledge Services Board, the IoT TPN, and the Ottawa LN Committee with broad interests in STEM and international collaboration.

LO, Edward W B. BEng MPhil CEng MIET PMP MIEEE



M 2003

Engineer - Control, E&M Engineering Department, Engineering Division, MTR Corporation Limited, Hong Kong SAR
Nominated by Brian T S Wong, Jacqueline Wing Sze Lo, Ross Murch, Victor Lit Pan Lo, Amy Wai Na Ng, Perry H C Chow, Clara Ping Man To, C S Chang, Teresa Kai Man Wong, Alex Chun Fai Lai

Edward obtained his BEng and MPhil from Department of Electrical and Electronic Engineering of the Hong Kong University of Science and Technology. He started his career in ASM Assembly Automation Limited as Software Engineer. He was the construction engineer on Control System, and design engineer on Digital Advertising System, in Kowloon-Canton Railway Corporation and MTR Corporation respectively. He is currently working as a design engineer to take care of Main Control System and Training Simulator System for railway extension projects in MTR Corporation.

Edward started his services in the Institution by joining Students Section under Younger Members Section (YMS) of Hong Kong Branch, and became the Chairman of YMS in Session 2007-08. Edward broadened his vision by serving the Council from 2010 to 2013. He joined Working Party on Communications the Views of Members, and Young Professional Task Force. He continues serving the local network during and after the term of Council Member. He was the Young Professional Coordinator of Hong Kong Branch Committee from 2014 to 2017, and Organizing Committee member of the International Conference of Railway Engineering (ICRE) held in 2014 and 2017. Currently he is the Ordinary Member of Railway and Transport Section (RTS), as well as the Section Representatives of RTS in the Hong Kong Branch Committee.

"If I'm elected, I'll share my knowledge and experience in serving Young Professionals to promote the IET to the students and young engineers in an innovative manner, as well as to propose strategic plans for further enhancing the significance of STEM subjects to the society. I'll encourage more efficient ways to facilitate the members to get involved in promoting and participating in the Institution. Furthermore, I'll make use of my understanding on the need from different disciplines and suggest the ways for the better governance of the Institution."

CHAN, Victor Wing Ho. BSc MIET MBCS MHKCS CSSA CCA ITIL CCNA



Age 35. M 2011

IT Engineer, Natixis Hong Kong Branch, Hong Kong SAR

Nominated by Kwan Lok Fong Anthony, Law Yi Keo Owen, Lee Tsz Fei, Yiu Chi Wai, Wong Yee Ting, Li Tung Yat Olaf, Chan Tsz Lung, Yip Ka Chun, Lam Wing Yan, Lee Woon Ming Wendy

An active IET volunteer since 2011, Victor has served 7 years on both Younger Members Section and Informatics Control and Technologies Section.

Working in industry for 14 years; System Engineer, leaving after 2 years as the IT Analyst to be the Asia System Deployment Lead at Arup. Moving to HSBC as a System Control Officer for the global data center of the crisis and incident management, after a year, Victor worked as a project manager in Principle One as an IT Consultant to serve in financial sectors and offer to buy out from his client Point72 Asset management. Recent few years, moving to an investment bank Natixis, Victor is enjoying the life in engineering career and project management to deliver many Asia new offices such Taipei and Seoul, learning about management and influence skill.

Victor is passionate about promoting engineering, doing this since he is interested to share his career. In 2007, Victor worked in Arup and understood what the engineering needs and later he worked in different countries in Asia for the IT projects, getting senior management appreciations to deploy infrastructure to Asia.

Victor has held numerous activities with the IET Hong Kong including several local and overseas seminars and technical visits over 2000 members attended including One belt and Road, Presentation Around The World, Faraday challenge, ROV for 7 years in total. Victor's main aim is to utilise his governance experience from the Engineering Council, wealth of IET knowledge from his board involvement, to contribute to the IET strategy.

Victor has also served many other committees and policy steering councils in the industry. This experience could bring inspirations to the IET Council and value members, volunteers and the Institution, with Engineering being held in as high regard as any profession to shape a better world.

LEONG, Wai Yie. PhD(Eng) CEng FIET SMIEEE MIEM PEng



M 2013, F 2018

Dean of Engineering and IT, Mahsa University, Jenjarum, Malaysia

Nominated by J Y Pang, Jimmy D F Fam, H Y Leong, J H Chuah, S H Chew, P J Ker, F Baharudin, H S Chua, A F Majid, H C Goh

Wai Yie is the Chairperson of IET Malaysia Local Network. She received PhD in Electrical Engineering from the University of Queensland (UQ), Brisbane, Australia in 2005.

Wai Yie is the EXCOMM Member, Council Member of the Institution of Engineers Malaysia, Immediate Chairman of Women Engineers Section, Malaysia, Board of Directors of International Network of Women Engineers and Scientists, Honorary Secretary of Women Engineers, the ASEAN Federation of Engineering Organisations (WEAFEO), and Committee Member of World Federation of Engineering Organisation (Women in Engineering Committee).

She is specialized in medical signal processing and telecommunications. She has been researching on RFID, wireless sensor networks, ultra-wideband and wireless communications, signal conditioning and classification in various EEG-based mental tasks. Her works have contributed toward wealth creation growth of biomedical companies, business revenue and innovative capacity. She has been successfully attracting R&D investment from business.

Wai Yie received the Women Engineer of the Year 2018, IEM Presidential of Excellence Award 2016 & 2015, INTI Outstanding Alumni Award for Academic Excellence 2016, Ten Outstanding Young Malaysian 2017, Top Research Scientists Malaysia 2017, ASEAN Meritorious Service Award 2017, Australia Richard Jago Research Prize in 2004 and Trailblazer Innovation Award in 2005, in Australia. Wai Yie has been actively involving in Women In Technology (Brisbane) and has received the Smart-State-Smart-Women Award presented by Queensland Government, Australia, in 2005. She has over 10 years research and industry experience in Australia, Singapore, United Kingdom and Malaysia, with special interest in biomedical signal & image processing, smart control, telecommunications and wireless sensor networks.

HADALL, Jeremy. BEng MEng CEng FIET



Age 45. S 1992, AM 1996, M 2002, F 2015

Chief Technologist for Robotics & Automation, Manufacturing Technology Centre, Coventry, United Kingdom
Nominated by the Board of Trustees

Jeremy has over 20 year's experience in the automation of industrial processes across a wide range of industries. He is a Chartered Engineer and Chief Engineer for Intelligent Automation at the Manufacturing Technology Centre, part of the High Value Manufacturing Catapult. He became a Fellow of the IET in 2015. He has volunteered for the IET both on the Manufacturing TPN, the Design & Production Sector Executive Committee acting as that committees chair for the last three years.

Jeremy started his career with ABB as a Graduate Engineer developing robotic applications for the automotive industry. Since then he has worked with leading manufacturers to develop advanced robotic and automation systems that have enhanced manufacturing productivity. Since 2010, he has led the automation strand of the Manufacturing Technology Centre's portfolio providing innovative automation solutions that allow high value manufacturers to raise their levels of profitability. More recently, Jeremy has worked with the British Automation and Robotics Association (where he is a Council member) to assist small and medium companies to bring automation and robotics into their facilities to support their continued growth and profitability in an increasingly challenging and global marketplace.

During his career, Jeremy has taken a keen interest in the development of engineers, first through supporting Young Engineers Clubs at schools, then acting as a mentor for graduates, apprentices and engineers. More latterly, Jeremy had led training courses delivering commercial and technical insights into the application of automation to industry. With this experience, Jeremy is keen to promote engineering as an aspirational career for young people across the UK. He is a firm believer in collaboration and actively promotes the IET's Horizontal Innovation program as a means to solve some of society's biggest challenges.

WINDER, Christopher. TMIET



Age 24. A 2014, M 2018

Outstations Technician, Siemens Mobility, Clapham Junction, United Kingdom

Nominated by Imran Shafique Ansari, William Reynolds, Marnie McKay, Sanjith Vignesh Subramanian, Sean Ocho, Robert Mayall, Tom Hlaing, Samuel Presley, Ved Prakash, James Mitchell

"I have been a member of the IET since joining BAE Systems as part of their IET accredited 3-year advanced apprenticeship scheme in September 2014. I joined the Kent LN committee as the Young Professional Liaison shortly after in February 2015. Having the opportunity to attend the Global CVC I took these issues and discussed them with IET staff, fellow volunteers and

YPCC members. I was then asked to join the Young Professionals Communities Committee (YPCC) after attending the YPCVC and Global CVC to represent apprentice and technician issues in October 2016.

After a year I then sought election to the YPCC, in which I succeeded. I am still a member of this committee and have worked on many important projects, providing the badly needed viewpoint of an ex apprentice and technician. I'm also currently leading an apprentice focused project and am hoping to implement this in the future. I have also worked separately with IET staff to improve the apprentice offering.

Being elected to Council will allow me to continue serving as a voice of apprentices and technicians. I'm particularly keen to join either the Volunteer Engagement Board, as I am very keen on promoting volunteering to members and non-members, or the Membership and Professional Development Board, as I am passionate about the future of professional development, especially EngTech, for which I am currently applying. I am looking forward to being able to shift from implementation in the YPCC to direction and strategy, should I be elected to Council."

BOTTING, Duncan. BA FEI FRSA FEMA MIET MIEEE



M 2003

Managing Director, Global Smart Transformation Limited, Inverurie, United Kingdom

Nominated by the Board of Trustees

Duncan works closely with customers, academia, industry, utilities, local authorities, government and regulators to deliver innovative technical, commercial, environmentally balanced and culturally acceptable solutions to market challenges that can be resolved by using smart infrastructure. He provides business accelerator services to numerous SMEs to help them achieve their strategic aims. Some of his previous senior industry roles include: Director European Utility Telecoms Council, Business Innovation and Growth Director at Parsons Brinckerhoff (part of Balfour Beatty Group), Executive Chairman of the Scottish European Green Energy Centre, Managing Director ITI Energy (a research institute) and ABB as Head of Technology & Business Development. With over 40 years' experience encompassing the complete spectrum of technical and commercial roles from apprentice to boardroom. A current visiting professor at the University of Strathclyde and formerly Imperial College London.

As chair of the IET Energy Sector Executive, member of the IET Policy Panel, IET knowledge sharing events, founding member of the DECC/Ofgem Smart Grid Forum and BEIS/Ofgem Smart Systems Forum, former UK Energy Research Council Advisory Board member, former Vice-Chair of the European Technology Platform for "SmartGrids", member of other Smart Infrastructure committees he is helping to shape thinking to meet societal needs. Also a founding member of the National Skills Academy for Power, the IET Power Academy and IET/Energy Systems Catapult Future Power Systems Architecture Project.

He champions diversity in all its forms across the IET and beyond and has delivered ground breaking governance approaches for agile government policy making.

"If elected I would strive to serve the members of the institution by ensuring we build on the success of the past while delivering an Institution that is acknowledged globally as an exemplar of governance, knowledge sharing, vision and engineering leadership."

MARSH, Carol. EngD CEng FIET FIES FWES FRSSA SIEEE MInstP MIACR

Age 55. M 2005, F 2012

Deputy Head of Electronics Engineering, Leonardo, Edinburgh, United Kingdom

Nominated by Barry Brooks, Robin MacLaren, Stewart Edmondson, Ron McMurtrie, Derek Little, David Ritchie, Jack Dempsey, James Whitelaw, Marek Piechocinski, Robert D'Arcy

Carol has over 34 years experience in the electronics industry and is currently the Deputy Head of Electronic Engineering at Leonardo responsible for electronic processes, tools, resource planning, mentoring, promoting STEM and diversity.

Carol has several roles within the IET including Chair of IET Scotland, Professional Registration Advisor and Interviewer, and an IET Fellow Assessor. She is also a Past President of the Women's Engineering Society (WES) and winner of 7 awards including 4 for her work inspiring women in engineering.

"I am passionate about promoting engineering and if elected I would like to continue to raise the profile of engineering and the IET to children, teachers and parents, improve communication between members, enhance collaboration between the IET and like-minded organisations and strength links with Scotland."

KALYAN SAGAR, K. BTech ME MIET

Age 32. M 2010

Assistant Professor, Shri Vishnu Engineering College for Women, Bhimavaram, Andhra Pradesh, India

Nominated by G Pandian, S M Padmaja, V Subramanian, S Prabhu Raj, T Anuradha, P Deiva Sundari, R Murugan, M Baskar, V P Sreekantha Kumar, J Frank Vijay

Mr Kalyan Sagar graduated from JNT University and ME, from Anna University and acquired 8 years experience as Assistant Professor at various Colleges and Universities. His enthusiasm in teaching and the association with IET as faculty advisor that made everything else secondary.

Kalyan has been an active IET volunteer since 2010. It is commendable to record the contribution made by establishing a new IET student chapter in Andhra Pradesh (Southern part of India) in the year 2014 where there is no fragrance of IET network so far and in one of the largest states in India in having around 700 Engineering colleges. He initiated 5 student chapters in various colleges in Andhra Pradesh state and organized many IET events with the enlargement of IET student and professional memberships. He elected as an ordinary member of Council during 2014-17 and contributed to IET Knowledge Services Board. He believes he would bring skills to the board to be a mentor and a role model for future engineers under the roof of IET. His contribution will really be instrumental in steering the IET to new and greater heights.

He would be champion for further developing the breadth of the Institution, while maintaining a focus for the energy sector to address issues of fundamental importance to society. He is a person who wishes to spread the branches of IET throughout India especially in Andhra Pradesh which is in budding state. He would be fortunate enough to be elected to the Council as he would bring his experience and enthusiasm to further support the IET in the formation and delivery of its strategy and to ensure the Institution for overall success by shouldering the responsibility. His current aspiration is to lift IET to the greater heights by your valuable vote.

TAN, Teng Hwang (John). BEng MSc PhD CEng MIET



Age 35. S 2013, A 2013, M 2014
Principal Engineer, Technology Development Department, SilTerra, Kulim, Malaysia
Nominated by Jimmy Fam Deng Fong, Indiran Nadarajan, Cheng Chia Loon, Morgan Bonici, Tan Wee Ser

John Tan is a member of the IET Malaysia Local Network and the immediate past Chairman of IET Malaysia Young Professionals Section. He managed 14 IET On-Campus Groups in Malaysia and led a team of 14 highly committed and active Young Professionals volunteers. He was the organizing chair for twice Present Around The World (Malaysia level) in year 2015 and 2017, respectively. He is also the executive committee member of IET Internet of Things Technical Professional Network 2018/2020. He was recognized by IET Paul Fletcher Achievement Award in year 2018.

John Tan has received his PhD in Electrical and Electronics Engineering from Queen's University Belfast (QUB), UK under QUB scholarship award solving industry problem. He started his career working as process development engineer in UK for 5 years. Throughout his industrial experience, he has been leading & managing projects as well as engaging with industry partners from UK, US and Europe. In addition, he has been working as lecturer and Head of Department at UCSI University for approximately 5 years. Currently, he has returned to industry working as Principal Engineer researching on Micro-Electro-Mechanical Systems (MEMS) sensor for various sensing applications including Internet of Things.

"I am highly committed to promote IET at global scale, to enhance the communications between all communities, and to promote best practices between communities globally by optimizing the usage of IET resources and IET community tools & facilities. I am also committed to fulfill the key IET mission on the journey to inspire, inform and influence the global engineering community to engineer a better world." Having worked with people from diverse culture in both academic and industry environment & IET local network (local) to Technical Professional Networks (Global), John Tan believes his skills and experience will benefit the Communities Resourcing Committee.

BRUCE, Christopher J. DipEE MSc EdD CEng FIET FIEI



S 1962, AM 1965, M 1973, F 1996
Retired, Dún Laoghaire, Co Dublin, Ireland
Nominated by John Ging, Aidan Langley, Christopher McLoughlin, Mark Needham, Cecil Scully

Chris joined the, then, IEE London Graduate & Student Section in the 1960s and was Chair in 1971. After moving to Ireland he joined the Ireland Network/Branch where he served as Honorary Secretary followed by Chairman. Currently he is Honorary Treasurer of the Ireland Network. He is a member of the IET Quality Assurance Committee (QAC), retiring October 2019. QAC has given him a privileged critical insight to the operational procedures of the IET. Three years ago he retired as Finance Lead to CC-EMEA when he had responsibility for advising and monitoring budgets for IET Networks within the IET EMEA region. He is a PRA and a PRI for CEng and IEng candidates and a Fellow Assessor and Interviewer. He interviews and professionally advises for the IET in the UK, Ireland and China.

Chris is retired Head of Electronic Engineering from the Dublin Institute of Technology, now Technological University Dublin. Following retirement he was appointed 'Lead' to an EU-funded Centre of Excellence in Mechatronics in Karlovac, Croatia - a two-year contract. He is particularly interested in the history of engineering and technology and a member of the History of Technology TPN. He currently leads the organisation of an IET History of Technology conference in Dublin, scheduled for September 2019. His interests outside the IET, and there are some, include sailing, walking, reading - particularly biographies and, most importantly, being a Grandpa.

"I believe that I meet the criteria of the Committee Member Person Specification defined for CRC and that my broad-based experience and knowledge of the IET and its membership would be an asset to CRC. I also have the communications skills to encourage prudent use of IET funds and the experience to assess funding allocations/requests and analyse outcomes."

VISHWAKARMA, Suresh. MBA PhD PEng CEng MIET



Age 51. M 2003
Senior Engineer, BC Hydro, Vancouver, Canada
Nominated by Bhagvat Joshi, Santhia-Pillai Arul Raja, Ciaran Clarke, Mohammad Zeeshan Khan, Alan Wood

Suresh holds a degree in electrical engineering, MBA, and PhD in Management (Power). Suresh has held senior engineering and managerial positions in public utility companies since 1988. He is currently a Senior Engineer, working for BC Hydro in Vancouver. He has authored more than 30 conference papers and journal publications in America, Canada, the UK, and many African countries.

Suresh is an active member of Western Canada LN since 2012. He is currently the Vice Chairman of Western Canada LN, member of the Communities Committee Americas, and the IET Representative for Western Canada. He was invited to participate in IET's Americas CVC 2017 held in Orlando. Suresh helps in organizing technical presentations every month and organizes annual PATW competition in Vancouver. He is also assisting IMechE in organizing their Speak Out for Engineering (SOfe) competition in Vancouver next year.

Suresh mentors Chartered Engineer and Professional Engineer aspirants in western Canada. He was appointed IET's International Professional Registration Advisor in 2018. Suresh has successfully organized IET's seminar in Vancouver on Corporate Social Responsibility in September 2018. He is planning another IET event in Vancouver in September 2019.

"After working for more than 30 years in India, Seychelles, and Canada, I have gained a valuable insight of IET's activities in different cultural environment. I can see a huge potential for IET to collaborate with industries and academia to promote its technical and community activities especially in new and less populous regions. Students and researchers worldwide can benefit by associating with IET through its LNs. If elected to CRC, I will work closely with all local and technical networks to increase IET's visibility. I will support communities' activities and facilitate effective communication between all communities despite their cultural differences. I will remain committed to one-team working with integrity, excellence, and teamwork."

GAIKWAD, Vaishali. BE ME PhD MIET



Age 34. A 2015, M 2017

Assistant Professor in Department of Information Technology, K J Somaiya Institute of Engineering and IT, Sion, Mumbai, India

Nominated by Prashant Sawant, Nasim Shah, Manan Gandhi, Sanket Jadhav, Deep Gada

She has been collaborated with IET from 2013. The main motive of her is working to engineer a better world so is to help the students and provide guidance to them when needed. Also put forward ideas and topics which are innovative and would stimulate the ideas of students to build a better world which can be conducted under IET banner. The goal is to provide paramount benefits to students through IET by resources or Guidance provided by IET. It's been over 5 years since IET has been working in her College and as of today, over 87 events had been conducted under IET banner. Every year over 15-20 events is held in our college & Students as well as Teachers actively Participate in it. Also to conduct new events that would benefit the Students if the main aim which is thoroughly followed likes IET-IoT Cell.

Total no of events coordinated is 13 in the year 2017 & 16 in the 2018 respectively on various sectors like IoT, IPR, Hackathon, Augmented Reality, many competitions like Project Competitions, PATW Mumbai University Round & Regional Round, NICE regional & finale, Industrial Visit to Monorail, Mumbai.

She is YP Chairman in 2018 and grateful to elected as again on same post for year of 2019. Awarded "Best IET Influential Member" in the year 2016 & 2018 from IET-Mumbai LN. Awarded "Best Promising Teacher in Student Engagement" in the year 2017 from IET- Mumbai LN. Awarded as an "Outstanding Valued" from Global IET-YPCVC 2018 at Singapore. Awarded as an "Event Overseer" from South Asia IET-NICE 2k18 at Mumbai.

CLOUDIN, S. ME MIET



Age 43. M 2011

Associate Professor, Department of Computer Science and Engineering, KCG College of Technology, Chennai, India

Nominated by M Krishnamurthy, S Bairavel, A Balaji, T Deenadayalan, Vasantha Kumar V

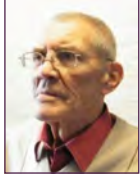
As an experienced Administrator with strategic planning and leadership skills, Cloudin is currently associated with KCG College of Technology, Chennai as Associate Professor in the Department of Computer Science and Engineering.

Cloudin has been passionate and volunteering in IET since 2011 as a faculty advisor of the IET Student chapter in KCG. He served as Honorary Treasurer of Chennai Local Network since October 2012 till September 2015 and then served as Vice Chairman of the Network till December 2018. He chaired the Students Activity Planning committee, which regulated student activities to be aligned with IET strategies. He has been an instrument behind the enlargement of IET membership by adding around 1000 students and 100 professionals with his untiring persuasion. His strategic plans on collaborations with industries helped the professional growth of members.

Having learnt many skills personally and technically through IET, Cloudin has organized multifaceted seminars, workshops, conferences under IET banner. His fervor and zeal towards IET and the student community enabled KCG to emerge as Academic Affiliate with IET. Under his leadership, KCG chapter received appreciation awards including Best Chapter Award in the years 2012, 2013, 2014, 2017, Overall Championship Award in the years 2013 and 2014. It was by his sole effort that the KCG chapter has been awarded with Exemplary Student Chapter Award 2013 in the South Asia level at the IET South Asia CVC held at Sri Lanka. He has the acclaim of hosting the IET Advantage Job Fair and was the Organizing Secretary for the IET Chennai Local Network's 4th International Conference - SEISCON.

If he was given the opportunity, he assures that he would pull in all his energy and skills to work towards the development of IET. As his passion has already won members, he would continue to affix more members through his efforts.

PALMER, Alan. BA CEng FIET MAAT



G 1970, M 1973, F 1993

Retired, Rushden, United Kingdom

Nominated by Suzanne Flynn, Derek Lee, Mike Lynch, John Main, Julian Young

"My 40 years of public sector service commenced with "on the job" training in the Scientific Civil Service. Having accumulated the academic qualifications required for CEng registration, I was advised to gain experience outside the research and development environment. I joined 90 Signals Group, RAF; a mixed service and civilian design, development and manufacturing organisation, achieving CEng registration in 1973.

After 11 years at the Electronic Warfare Avionics Unit, I moved to the Signals Engineering Establishment (RAFSEE) as Head of Special Signals Branch. Further promotion to Assistant Chief Design Engineer brought responsibility for airborne and ground-based Electronic Warfare design branches, also Navigational Aids and Ground Radar. I achieved Eur Ing in 1989 and was elected Fellow of the IEE in 1991. RAFSEE achieved Defence Agency status in 1995; by 2000 my design sphere included: electronic and communications equipment; Communications and Information Systems branches, the Radio Introduction Unit and Ground Radio Servicing Centre.

For the IEE, I was the Agency's Membership Adviser and Business Partner. While Director Projects, I represented the Agency during a period of profound change and merger with kindred organisations to form the tri-service Defence Communication Services Agency. At retirement, from the DCSA, I was Assistant Director, Engineering Operations.

After retirement, as a contractor with management accountancy qualifications, I produced cost models of RAF Air Traffic Control and Air Defence Ground Radar capabilities. For the last ten years, my contribution to the IET has been as a Fellow Assessor, pre-Interview Panel assessor and Professional Review interviewer.

I believe I have the skills and attributes required for the specified areas of Community Planning, Resourcing, Networking, STEM and broader Communication. If elected I will support the Communities Committee avidly; promote IET Connect, champion the IET as first choice for engineering registration and engender the ethos of a 'home for life'."

SUMANASENA, Abhaya. PhD CEng MIET SMIEEE



S 1997, AM 1999, M 2002

Managing Consultant, Real Wireless, Reading, United Kingdom

Nominated by William Webb, Simon Saunders, Nigel Ward, Mike Goddard, Mamta Sanghal

"As a committed and active IET committee member for the past 20 years I have enjoyed Inspiring the Next Generation to promote engineering.

As the Chairman of the Surrey YM Committee, I inspired new members to join and led the committee to make it a very successful one during a difficult time when I joined in early 2000. In Dec 2018 I successfully organised a session with the IET president to promote engineering to schools and initiated a project to introduce coding to local schools. I have continually strived to 'make things happen' and have developed successful external collaborations. As the current Chair of the IET Berkshire, I led the committee to be voted as having the 'most successful external stakeholder engagement'. These are a few highlights of how I have made a difference. If elected, I will continue to 'lead from the front' at the regional/national level to expand these activities to help the community, particularly young members, in line with the IET vision. I will work to increase IET's visibility, particularly, enhancing the study of engineering and promote a collaborative atmosphere between different networks to share the best practices.

I am passionate about technology. Currently as a Managing Consultant at Real Wireless, I lead spectrum and regulatory activities and strategic projects to develop business cases/strategies related to mobile technologies. In the past I worked as the Principal Strategist at 3UK to provide leadership to deliver network capacity programs and develop long term capacity strategies and; the Technical Policy Manager at Ofcom to develop policies on mobile spectrum.

I have a PhD, two patents and a winner of the 'Junior Inventor' in the past. I believe I can exploit my diverse experience to continue to promote IET to engineer a better world by inspiring informing and influencing the community."

ELECTION TO THE TECHNICAL AND PROFESSIONAL NETWORKS COMMUNITIES COMMITTEE 2019 ORDINARY MEMBERS

KIDAHA, Sharon. MEng MIET



Age 28. S 2011, A 2015, M 2016

Building Services Engineer, Cundall, Birmingham, United Kingdom

Nominated by Andrew Bishop, Aneel Loi, Daniel Floyd, Abu-Hurairah Dadabhai, Farid Mouawad

"I first joined the IET as a student member in 2011 and was active in the South Yorkshire Young Professionals Committee at the University of Sheffield where I gained my Masters in Electrical Engineering with a Modern Language which included a year abroad in Germany. I became a full member in 2015 when I joined Cundall's graduate scheme.

I am an Electrical Building Services Engineer with Cundall with experience in design of different systems including low voltage power distribution, lighting design, fire alarm and detection and security and access control. I have worked on projects in sectors as diverse as retail, industrial, education, healthcare and lifestyle. I was part of the team that contributed to the design of Cannon House, a high-specification office for Energy Systems Catapult that was awarded the British Council for Offices Fit Out of workplace Regional Award 2017.

I was honoured to be recognized for my hard work as an early career professional and was shortlisted for the CIBSE Graduate of the Year Award in 2017.

I am passionate about mentoring the next generation of engineers and volunteer time to inspire young people. I have worked with the Access Project; a charity that helps disadvantaged young people access top universities by tutoring three students in Mathematics. I have also volunteered as a competition judge at the Big Bang UK Young Scientists and Engineers competition where I assessed engineering projects submitted by students aged 7-13.

I believe that I have the skills and enthusiasm to help take TPNs into the future, at both a strategic and tactical level. I hope to contribute through making technical communities more flexible and inclusive in order to adapt to global technology megatrends. I would love to take this opportunity to make the IET's technical offering more accessible and international."

JANANTHAN, R. BScEng MBA-MOT CEng CIPM MIET MIEEE AME(SL) MCPM(SL) JP(SL)



S 1999, M 2003

Senior Manager, Commercial Management, Ericsson, Melbourne, Australia

Nominated by Edwin Morton, Kwong Chiew-Foong, S Sarveswaran, Justina Ho, Arthur Baoustanos

"Why not IET be a single largest engineering institution globally? Well it could be long term vision but its all again depending on how we volunteer engaged and support with the institution. My idea is that we all support and encourage each entity of IET to grow strategically, it will enlarge coverage of IET.

While I was serving in South Asia Board years ago, I established new networks in the region with more members and generated new ideas and implemented. Presently I have taken initiative to work with large industries in Australia for the professional registration of IET to be recognized, which bring valuable member and volunteers. Was being part of Volunteer Engagement Board (VEB) and Council, it helps me to do membership drive and volunteer motivation.

I joined IET in 1999 and established IET chapters initially. I held several position in IET boards and committees such as chair IET YMS, Secretary of IET Sri Lanka network, Board member of SACC, Member of Global Finance Committee, Council member and member of VEB. I worked hard IET branding using TV channels, membership promotions and Professional registration. Currently I am a member of IET Victoria committee, PRI/IPRA and committee member of MMC TPN.

TPN is a very effective concept and working well to support specific technological domains, which is helping IET to gain technical leadership showing cutting edge technology to the technical community. With fast growing technical world, this is far important to have technology leadership. TPN Communities Committee can be one of best group to support and enhance TPNs locally and internationally. TPNs can drive through industrial paths and take strategic advantage. There are technical groups in industries, which work with TPN. My vision is to engage the TPN with leading industry and gain advantage for our Institution and the members."

SUZUKI, Larissa. BSc MSc PhD FRSA AFHEA MIET

M 2018

Senior Product Manager, Automatic Machine Learning, Oracle, London, United Kingdom
Nominated by Anthony Finkelstein, Jeff Kramer, Roma Agrawal, Richard Baker, Robert Edmunds

"I am a passionate computer scientist, engineer and inventor. My career includes 13 years working on smart cities, AI, emerging technologies, and computing applied to medicine / neuroimaging. I currently work at Oracle leading the work on Automatic Machine Learning Platform. My previous experiences include start-ups, London Government, ARUP, IBM, University Labs (UCL, MIT, Lancaster). My continuing academic work is at UCL in the CS Department.

I have published several research papers, and received numerous grants/awards and recognitions from MIT, Intel, Google, ACM, Heidelberg Laureate Forum Foundation, Microsoft, EPSRC for my contributions to industry and international science. I am a judge and reviewer of the ACM Research Competition, IET Innovation Awards, Talent 2030 National Engineering Competition, and a journal reviewer for IEEE and Springer.

I am really proud of being a member and ambassador of such a prestigious multidisciplinary and international institution. I could not be more grateful for all the opportunities that have been given to me through the IET in the past year as the winner of the YWE WES Prize.

I want to continue using my full energy to promote the Institution and contribute my best to the TPN Communities Committee. If elected I will:

- Support the coordination of the technical communities' activities, including their programmes, planning and operation to ensure great visibility and strategic fit within and beyond the UK.
- Collaborate closely with other IET committees to ensure effective resourcing planning for the TPN, and that the activities of the TPN communities are relevant to Young Professionals.
- Ensure that TPN communities will contribute to IET strategy as part of their activities / programme planning.
- Strive to help the all communities in increasing the number of their active members.
- Support each community with innovative ideas to help them to expand their international reach."

SAVVIDES, Savvas. DipEE MBA MCGI CEng FIET

Age 68. AM 1977, M 1980, F 1993

Retired, Nicosia, Cyprus

Nominated by Barry Brooks, Jolly Wong, Jan Sykulski, M Marsaline Beno, Kate Sugden

Savvas has a long experience at senior and executive positions. He served as Head of Department in Higher/University Engineering Education and as International Consulting Engineer. Recently he was the Head of the Nicosia Annex and elected member of the Board of Governors of the Cyprus University of Technology (academic staff representative). He was appointed by the Council of Ministers, for two consecutive, three year terms, as a member of the Board of Governors of the

Higher Institute of Technology in Nicosia Cyprus. He served on a number of Cyprus Standards Technical Committees and throughout his career he chaired many Boards and Committees. He published many articles in Engineering, Engineering Education, Management and Professional Registration. He was a Visiting Fellow at the University of Glamorgan in Wales from 2005 to 2013. He has a wide record of Professional Development.

Savvas is having more than 40 years of active IET membership volunteering in various capacities, as Chairman and Vice Chairman of the Cyprus Local Network, Professional Development Courses Organiser, International Conferences Organiser, International Professional Registration Advisor, Professional Review Interviewer and Interview Convener. For the last twelve years he was elected as Member of: the Membership and Regions Board (MRB) - two terms, the Technical and Professional Services Board (TPSB) - one term, the European Middle East and Africa Regional Board (EMEA) - one term and the Council - two terms. He was short listed for the 2016 IET Volunteer Achievement Medal. Currently he is a member of the IET Academy Advisory Board.

"Having served IET as an active and enthusiastic volunteer for more than 35 years at all levels I have the skills, knowledge and experience needed for an effective and efficient contribution if elected."

ABDUL MAJID, Amir Farid. BEng MSc MBA MIET MIEM PEng



Age 39. M 2018

Lead Diagnostic Engineer (Remote Monitoring & Diagnostic), Baker Hughes General Electric (BHGE), Kuala Lumpur, Malaysia
Nominated by Indiran Nadarajan, Chuah Yoon Hwang, Kok Swee Leong, Tee Boon Tuan, Ker Pin Jern

Amir Farid is a member of the IET Malaysia Local Network and currently serve as Vice Chairman for Malaysia LN. He is leading the process setting up Protem Committee for TPN Control Automation Malaysia Chapter.

He was the organizing chair for the 8th IET Malaysia Prestige Lecture Award Dinner 2018 and the First National IET Malaysia Faraday Challenge 2018. He is actively engage and collaborate with TPN of C&A.

He designed an Innovation Competition called Automation & Control Enhancing Innovation Competition (ACEiC) participated by University Student with the support from Industry player with the goal of promoting Automation & Control knowledge and to close the gap Between University & Industry.

To create the awareness among Professional Engineer in the evolution of Digitalisation, he has initiated a series of technical talks called "Industrial Digitalisation". He also launched the 1st Malaysia C&A PhD Award in 2018.

Amir's aspirations for the role are: "To serve beyond Local Engineering Community with the same philosophy and commitment to bring more impact for the TPN. Building more content of Technical Knowledge and Technical Expertise to Uphold IET as Respectable Professional Body by embracing and to promote Engineering Discipline."

Amir has received his BEng in Electrical Electronic from Malaysia National University with the Scholarship from Intel. He received his MSc in Control Engineering from the University of Sheffield and received his MBA in Finance from Putra Business School.

He started his career working in Electronic industry (Intel) and later work as Commissioning engineer in Power Generation (Alstom) & Oil & Gas (GE) Industry. As a commissioning Engineer, he manage to get international exposure working for multiple project and based at different country such as Italy, UK, Netherland, Japan, Thailand, Uzbekistan & Papua. Currently, he work as Remote Monitoring & Diagnostic & Engineer for BHGE based in Malaysia.

**ELECTION TO THE YOUNG PROFESSIONALS COMMUNITY COMMITTEE 2019
ORDINARY MEMBERS (UNDER 30)**

McKAY, Marnie.



Age 22. S 2014

Final Year Masters in Electrical and Mechanical Engineering, University of Strathclyde, Glasgow, United Kingdom
Nominated by Emma Burleigh, Sam Presley, Fraser Steedman, David Plunkett, Susie Little

Marnie is studying her Masters in Electrical and Mechanical Engineering with International Study at the University of Strathclyde, UK. She undertook her 4th year of study as an Exchange Student at Nanyang Technological University, Singapore.

Marnie has been awarded a Diamond Jubilee Scholarship from the IET and an Engineering Leaders Scholarship from the Royal Academy of Engineering. She is an IET Power Academy Scholar and, sponsored by Atkins, has enjoyed placements in Energy and Rail these past 3 summers throughout the UK.

Marnie has been the appointed Chair of the IET Diamond Jubilee Scholars Council and is an active promoter of 'IET on Campus'. One of Marnie's IET highlights has been publicly speaking in the presence of HRH Princess Anne at the official opening of IET Savoy Place, London. While in Singapore, Marnie relished being part of the local IET Network and travelled to China to attend the IET's 6th Renewable Power Generation Conference in Wuhan. She was also learning to speak Chinese.

In her spare time, Marnie loves volunteering and mentoring at events which promote STEM and engineering. She continues to advance her French studies and with a love of musical theatre, she also enjoys performing in annual cabaret and pantomime. When not doing this, you can find Marnie tweeting about her latest engineering adventures!

Marnie was UK student rep in the YPCC and would love to continue to bring exciting ideas to encourage the next generation of engineers. For Marnie, the IET is a special community where engineers across the world come together to share a passion, connect and positively influence others. She hopes to encourage as many other young professionals as possible to join and be part of it too!

GANDHI, Manan.

S 2016

Student, K J Somaiya College of Engineering, Mumbai, India

Nominated by Prashant Sawani, Nasim Banu Shah, Yaishali Gaikwad Yashi, Sanket Jadhav, Deep Gada

No candidate statement provided

SHAHUL, Syafiq. BEng MIET MIES



Age 25. M 2018

Assistant Lecturer, PSB Academy, Singapore

Nominated by Imran Shafique Ansari, Sean Ocho, Ludovic Grosjean, George Ankenmann, Nilar Shyun Mya

Syafiq holds a Bachelors Degree with Honours in Mechanical Engineering from Coventry University, UK. As an Academic Tutor at PSB Academy, he helmed the Faculty Advisor role within the IET 2017 Group of the Year Winner, PSB Academy On Campus group in Singapore which organises series of events. The events organised ranging from interview series, workshops (eg Solidworks, Design Thinking) and in particular promoting regional outreach in countries like Myanmar, Malaysia and Singapore. He also volunteered to help the Young Professional Community Committee in hosting the Young Professional Community Volunteer Conference held in 2018 at PSB Academy, Singapore. Syafiq also sit in a number of committee in Singapore where he sits as member in the Institution of Engineers Singapore (IES) Publication Committee, IES Young Engineers Committee and Singapore North East District Committee.

"Ever since I joined the IET, I have met many highly talented volunteers that have the passion to serve. I am excited with all the energy and drive of the volunteers of the IET to promote Science Technology Engineering Mathematics (STEM) and recently, we created two video interviews with distinguished guests Tom Hlaing, IET Trustee and Ludovic Grosjean, IET Chair Victoria to promote the IET and encourage youths to volunteer forward. Video interviews and strong social media presence is important to help promote the IET, creating new and exciting methods of engagements around the world.

I hope to be given a chance to serve in the IET Young Professional Community Committee, and I would like to focus on the following:

- Expand collaborations efforts among On Campus groups, Young Professionals and other Engineering Bodies.
- To organise competitions with stakeholders support and provide real experience for young volunteers to contribute to the world.
- To enhance the branding and awareness of the IET, through social media and video productions."

STEPHEN MERIT MORRIES, S. BE MIET



Age 22. S 2015, M 2018

Trainee Engineer, Subash Technosis, Tamilnadu, India

Nominated by M Marsaline Beno, C Agees Kumar, P Joemole Joseph, P Sheenu, A V Soumya

S Stephen Merit Morries graduated in Electrical and Electronics Engineering in 2018 from St Xaviers Catholic College of Engineering, Nagercoil. He is undergoing his MBA in part time from Anna University, Chennai from 2018, specializing in human resource management. Currently, he is working as a Trainee Engineer in Subash Technosis, Manavalakurichi, Tamil Nadu, India. He is a Member of IET and IEI. Currently he is the Young Professionals joint secretary of IET Kanyakumari Local Network. And also he actively worked as an IET student volunteered in various events during 2015-2018.

He volunteered for many Seminars, Workshops, Symposiums and Conferences which is organized under the banner of IET. He received many Awards and prizes like Regularity Award, Icon of the Year Award, from IET KKLN and also from IET SXCE OnCampus. He also volunteered the IoT India Congress 2018.

"I am very proud to be a member of the world's largest multi-disciplinary engineering society and also I am very much interested to participate in various IET events on membership drive and external cooperation. My experience in student chapter and local network enriches my awareness on membership drive and importance of events. I commit if I am provided with an opportunity to work in Young Professionals Community Committee, I will work with extreme zeal and enthusiasm to prove my talents, wholehearted service and serve best for the institution. I assure my voice would be beneficial to Young Professionals Community Committee on the awareness about IET towards Young Professionals, and also to bring out their hidden talents by motivating them to reach greater heights through IET in different regions."

JAMES, Anthony. BEng MIET



Age 28. S 2009, M 2012

Robotics Project Engineer, ABB, Milton Keynes, United Kingdom

Nominated by Katherine Bean, Grazyna Whaphshott, Peter Deffee, Ian Brooker, George Kermez

Anthony graduated with first class honours in Electrical and Electronic Engineering in 2012; Anthony joined ABB on graduation where he has held technical, leadership, commercial and sales roles within ABB across the UK. Anthony has been heavily involved in graduate recruitment encouraging STEM graduates to work in engineering.

Anthony has been a member of the IET since 2009; at university he was Chair of the IET OnCampus committee. Following graduation, Anthony has held the roles of Secretary and most recently Chair (2015 - present) of the Bedfordshire and Hertfordshire IET Young Professionals, organising various events for students and young professionals, as well as collaborating cross-institution with both the InstMC and IChemE. In August 2018 Anthony was recognised as an IET Young Professionals Ambassador for his outstanding and valued contribution to the IET.

"Since university I've had the pleasure of networking with other IET members from across the world as an active volunteer. I've seen the excitement in school students' eyes as they discover how rewarding real-life engineering can be; whilst also having the chance to mentor university students on the path they might like to take following graduation.

If elected to the YPCC I will continue to inspire, inform and influence young professionals both locally and around the world, supporting them with the powerful backing of the IET. My focus areas would be:

- Increasing Young Professional awareness through my proven social media influence.
- Improve knowledge sharing across the global Young Professionals community.
- Help bridge the divide between the engineers of the future and those of the present.
- Collaborate with other professional institutions to develop awareness.

I look forward to the opportunity to serve the IET Young Professionals community globally."

RAGHAVENDRAN, Thejeswi (TJ). MIET



S 2010, A 2013, M 2013

Senior Automation Engineer, Agile Scrum Master, Vanguard Investments, Melbourne, Australia

Nominated by Peta Blight, Mathew Tripodi, James Mitchell, Dany Rassam, Eric Cheung

TJ, a Test Manager managing the software test automation platforms. TJ has been an active IET volunteer for 10 years. She started as a student member in Chennai LN, India. She held various roles within Chennai LN YP and also worked with IET India office in organizing various events across the South Asian Region. To mention a few, she volunteered in organizing events like the IET SA CVC, SA PATW, lecture series etc. She was an elected member of the IET SACC, where she was developing strategy and plan for activities in the South Asian region along with senior members.

She continued actively volunteering with IET when she moved to Australia for work. She is now an active volunteer and YP Secretary in IET Victoria LN, Australia. She is also representing Victoria in the IET Australia New Zealand YP Campaign. Bringing her past experience in organizing large scale events for student members in India, she is now actively working in ANZ region to help with membership and events.

Few words from TJ: "Having been associated with IET for about 10 years now, I have had the opportunity to volunteer in Asia Pacific and South Asian regions. I have a good understanding of what the Students and YPs from these regions in terms of their expectation from IET and what we as IET volunteers can do to take IET to the next level in these regions. Having worked with students and YP from two different regions with entirely different mindset, I will be a great addition to the YPCC with inputs from my past experiences. I will bring in a new perspective, event planning and event management skills to YPCC and hopefully create more IET flagship events. I would like to use this as an opportunity to make a difference globally."

LING, Ting Yang Ivan. BEng



Age 27. S 2012

Postgraduate Student (PhD), University of Southampton Malaysia, Iskandar Puteri, Malaysia

Nominated by Indiran Nadarajan, Tan Teng Hwang, Amir Farid, Dennis ML Wong, Chua Hong Siang

Ivan Ling is currently finishing his PhD at the University of Southampton, studying the direct growth of nanocrystalline graphene on SiO₂ substrates and its potential application in environmental sensors. Prior to his PhD, Ivan obtained his bachelor's degree in Electrical and Electronic Engineering from the Swinburne University of Technology, with first class honours. Ivan was awarded the Best Student Award for his graduating cohort.

Ivan has been an active volunteer in the IET since 2011 when he joined as a Student member. Ivan has also assisted in the set up 2 new OnCampus network, one in Malaysia (UoSM OnCampus) and another in the UK (Southampton OnCampus). He is currently the vice-chairman of the IET YPS Malaysia, where he organized various outreach programs designed to promote STEM and research among the general public. Recently, he plays a key role in organizing the KPMG-IET Cybertechnology Challenge in collaboration with KPMG, which was an innovative competition aimed to educate the participants about the importance of cybersecurity.

"The IET has always been like a family to me. I am extremely lucky to experience the best of both worlds as I volunteered for the Malaysia local network and the Solent local network during my time in the UK. Last year, I was inspired to join the YPCC after attending the YPCVC in Singapore, where I met lots of amazing young professionals from all over the world. My most rewarding experience is to be able to nurture OnCampus students as an advisor in my current university. Seeing leaders emerge among the students and nurturing them is extremely rewarding. If I am elected, I will drive more new and innovative global competitions through the use of emerging technologies, and to increase OnCampus-Young Professionals engagement worldwide."

