

# CANDIDATES' ELECTION STATEMENTS

## **IET Elections 2017**

ELECTION TO THE BOARD OF TRUSTEES 2017 - VICE-PRESIDENTS

ELECTION TO THE BOARD OF TRUSTEES 2017 - ORDINARY MEMBERS

ELECTION TO COUNCIL 2017 - ORDINARY MEMBERS

ELECTION TO THE COMMUNITIES RESOURCING COMMITTEE 2017 - ORDINARY MEMBERS (UNDER 30)

ELECTION TO THE COMMUNITIES COMMITTEE - ASIA PACIFIC 2017 - ORDINARY MEMBERS

ELECTION TO THE COMMUNITIES COMMITTEE - EUROPE, MIDDLE EAST AND AFRICA 2017 -  
ORDINARY MEMBERS

ELECTION TO THE COMMUNITIES COMMITTEE - UNITED KINGDOM 2017 - ORDINARY MEMBERS

ELECTION TO THE YOUNG PROFESSIONAL COMMUNITIES COMMITTEE 2017 -  
ORDINARY MEMBERS (UNDER 30)

### **HARRISON, Simon.** BSc PhD CEng FIET FEI FRSA



Age 53. S 1982, AM 1985, M 1991, F 2006  
Group Strategic Development Manager, Mott MacDonald, London, United Kingdom  
Nominated by the Board of Trustees.

Simon chairs the IET's Energy Policy Panel, and has helped position it as a source of significant influence in UK government. He also chairs the joint IET/Energy Systems Catapult work on future power systems architecture, work supported by government that brings together a wide set of stakeholders to map the engineering architecture needed to support the electricity system as it goes through a time of transformation. A past Vice President and Trustee he has also chaired the

Membership and Professional Development Board and run projects to improve the voice of the IET's Young Professionals.

He works with Mott MacDonald, the global engineering, management and development consultancy, and has enjoyed a career in the electricity sector worldwide that has covered hydro, thermal, nuclear, wind and solar generation, large transmission, distribution and industrial power systems. More recently he has taken a role as head of Group Strategy, which gives him visibility of some of the world's most challenging projects in transportation, water, the built environment, cities, climate resilience, and international development.

Passionate about the contribution engineers and the IET can make to societal well-being, he would like to use a term as Vice President to help further advance the IET's voice in policy, its ability to convene the industry and academia, and its means to assure the quality and development of engineers to help better position engineering as a force for good in society. Importantly also, to engage members in thinking around these issues, and to articulate them to members in ways that bring real value in their professional lives.

### **STEWART, Will J.** FREng FIET FInstP FOSA



Age 69. M 1987, F 2009  
Industry Consultant and Visitor, Southampton University, Southampton, United Kingdom  
Nominated by Chris Earnshaw, David Brown, David Cleevely, John O'Reilly, John Loughhead, Martyn Thomas, Dolores Byrne, David Evans, Miles Elsdon, Simon Dore.

"I am delighted to be again a candidate to continue as a Vice President and Trustee of the IET (newly allowed under the rules), and flattered by the nomination support of so many distinguished members and past presidents. I have been a member of the IET for many years, and have been a Trustee for the last couple of them, during which I have developed a number of initiatives, most recently working with the Office of National Statistics and the Cabinet Office to get full recognition (not given at present) of the major contribution engineering has made and is making to productivity and wealth creation.

I have also helped the IET in other ways, currently chairing the IET Communications Policy panel that interacts with government at the highest level and is developing among other things an important initiative with the Cabinet Office on 'smart' 999 calling. I appear in the media quite often on behalf of the IET, including Radio 4 and newspapers, representing the viewpoint of engineering and engineers to the wider public. I have also served the IET on Council and in many other roles.

I passionately believe in the importance of engineers and engineering to our society, and think the IET is ideally placed to promote this. If re-elected to this post I would continue to work to increase the global and national influence and effectiveness of the IET through my wide contacts and other roles. Engineering is vital and we need to convince ever more people of this. The IET has been very helpful to me throughout my career spent developing superfast optical fibre and other communications technologies in many places, latterly as Chief Scientist of Marconi and as co-investigator on major projects at Southampton University."

### **BRYANT, Jayne.** FREng CEng FIET FWES



Age 58. F 2005  
Engineering Director, BAE Systems Defence Information, Frimley, United Kingdom  
Nominated by the Board of Trustees.

Jayne is a Fellow of the Royal Academy of Engineering, a Chartered Engineer and a Fellow of the Institution of Engineering and Technology. She has 40 years' experience in engineering, working for various parts of BAE Systems and its former companies.

Jayne began her career as a Software Engineer and quickly worked her way into software management, becoming responsible for a major software development with over 300 engineers before she reached 30. From that point on, her scope increased beyond software and took a more general Engineering and Project Management direction.

As Chief Engineer at GEC-Marconi Avionics Maritime Aircraft Systems Division Jayne was responsible for a wide variety of disciplines producing complex Sonar systems and, following this, led a team responsible for a major multi-billion pound Systems bid.

In 2005 Jayne was working in the Head Offices of Selex Sensors and Airborne Systems as Head of Engineering Strategy. In early 2006, Jayne returned to BAE Systems as Engineering Director for BAE Systems, Platform Solutions and in mid 2009, moved to BAE Systems Performance Excellence and took over as chair of the Engineering Process Working Group, where she was heavily involved in the development and release of the new BAE Systems Engineering and Product Safety Policies.

Jayne now heads up a team of 600 engineers as Engineering Director BAE Systems, Defence Information. She is married, and has triplets, two boys and one girl, now 23 years old.

Jayne was elected as Trustee of the IET in 2011 and served a 3 year term of office. If re-elected she would enthusiastically participate in driving the IET forward, particularly promoting women into engineering. She believes that her broad experience in Engineering and Project Management gives her insights that will help keep the IET central and relevant to the Engineering and Technology Profession.

## ELECTION TO THE BOARD OF TRUSTEES 2017 - ORDINARY MEMBERS

### **DRAKES, David.** BSc MSc CEng MIET



Age 53. M 1996

Manager Technical Services, Water & Sewerage Authority of Trinidad & Tobago, St Joseph, Trinidad & Tobago  
Nominated by Sean Ocho, Colin Chase, Gerald Mendes, Anthony Chadee, Ahmad Mohammed, Kristed Herbert, Kit Fai Pun, Jason Rameshwar, Jason Gordon, Robert Dumbell.

David Drakes currently serves as chairman of the IET Local Network in Trinidad and Tobago. He possesses a strong desire for developing his country's human resource in the field of engineering, and sees the tremendous role that skills development and innovation can play in improving the lives of persons in various communities throughout his country.

David Currently serves as a director of several limited companies, and is also a former Technical Director of the International Radio Emergency Support Coalition (IRESC), an NGO formerly in special consultative status with the United Nations Economic and Social Council.

David believes in the need for getting persons excited from a young age about careers in engineering. To that end, he has been dedicating much of his time to the promotion of Science, Technology, Engineering and Math, (STEM) education. He has also mentored several young engineers with a view to seeing them advance in the field by taking up leadership roles at all levels, and to do so particularly in developing countries such as his.

"The IET has been my professional home for my entire career, and I consider it an honour to serve the IET in my current capacity. If elected to the Board of Trustees, I will use all my energies to assist in formulating the appropriate strategies and programmes to ensure that the IET remains the preeminent multidisciplinary professional body that it is."

### **WARE, Matthew.** BEng CEng CMgr MIET MCMi



Age 45. AM 1996, M1997

Deputy Commander Equipment Support, 101 Logistic Brigade, Aldershot, United Kingdom  
Nominated by the Board of Trustees.

"I would be honoured and delighted to serve as a Trustee of the IET especially as it would enable me to further promote engineering within the military and across the businesses I engage with. I am a Colonel (late of the Corps of the Royal Electrical and Mechanical Engineers (REME)) and am currently providing leadership to the circa 2,000 multi-disciplined electrical and mechanical engineers in the 3rd (UK) Division. I have spent the past 21 years leading and developing multi-disciplined engineering teams in some of the most demanding places on earth. I actively support 'working to engineer a better world' and am currently a member of Council and of the Membership and Professional Development Board.

I have over 5 years' experience working at the Army's strategic level directly supporting Board members with Logistic policy and Capability advice that has been financially and resource aware to assist key decisions. I have previously recruited engineers from society and then enhanced their capabilities through military and leadership training. My current post not only engages widely across Defence but also with industry liaising with senior executives while extolling the virtues of engineering.

I am a dedicated engineer who interacts on a wide spectrum understanding what engineers are seeking now and in the future. My increasing network of engineering contacts allows me to provide a range of views from the IET's current membership and provide feedback to the Boards on what matters to them. I hope my strategic financial planning and policy development experience may prove useful when considering the future of the IET for its membership."

### **HUBBARD, Samantha.** BEng IEng MIET



Age 43. M 1997

System Engineer, URENCO UK, Capenhurst, United Kingdom

Nominated by Kate Sugden, John Main, Trevor Grimshaw, George O'Neill, Nigel Ward, Alan Watts, Margaret Ajibode, Mark Tebbutt, Steven Bool, Andrew Gallimore.

An active IET volunteer since 1999, Sam has served 15 years on main boards and currently represents the IET as a Trustee for the Engineering Council.

Sam stepped out of university to take up an apprenticeship, to experience the practical side of engineering and loved every minute, returning to University part-time later. Working in industry for 24 years; paper manufacture, leaving after 21 years as the Lead Control Engineer to be the Lead C,E&I Engineer at Urenco. Recently, moving to a new System Engineering department Sam is enjoying the diversity of an engineering career, learning about Uranium Enrichment.

Sam is passionate about promoting STEM, doing this since she was an apprentice herself. In 2000, Sam won the Young Woman Engineer of the Year and later the WISE Excellence Award, this afforded her many more opportunities to speak to young people, particularly other females about the exciting prospects engineering holds. Countless school visits, recruitment events, competitions, national press and television coverage helped to get the message out.

Sam has held numerous roles with the IET including Qualifications Board, Membership and Professional Development Board, Council, Communities Resourcing Committee, various Local Network roles, was on the advisory group for the Professional Home for Life Programme and Apprentice Trailblazer pilot. She ensures the voice of IEng and EngTech are well represented in all forums.

Sam's main aim is to utilise her governance experience from the Engineering Council, wealth of IET knowledge from her board involvement, to contribute to the IET strategy.

"I would like to focus on how membership and Professional Registration can be led as a 'pull' from government, public, customers and employers, requiring their engineers' competence to be assessed against a professional standard. Valuing members, volunteers and the Institution, with Engineering being held in as high regard as any profession."

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**LEWIS, Frank.** BSc FIET

AM 1975, M 1981, F 1997

Retired, Auckland, New Zealand

Nominated by Maxwell Thomson, Richard Spalding, Hudson Egbert, Peter Apperley, Karla Smith, Frank Johnson, Bhagvat Joshi, David Owen, Darren Baxter, Alice Chan.

Frank has over 40 years working in the engineering environment, mostly in continuous process plant in the UK, South Africa and Australasia.

Frank has held the positions of Plant Engineer, Chief Engineer, Engineering Manager and Plant Manager in a range of industries such as food manufacture, deep level mining, sugar milling, explosives and chemicals and glass manufacture. For the last 12 years, Frank has focused on the design and delivery of electrical transmission and distribution projects in New Zealand and internationally. Most recently Frank was a Senior Electrical Engineer for Jacobs Ltd. He now consults to them on an ad hoc basis.

Frank has been an active volunteer of the IET for over 25 years with 7 being a member of Council. Frank chaired the Future and Current Strategy working party for the last Council session before the implementation of G4F. Frank has produced and edited several Council Papers. In New Zealand, Frank has performed the roles of LN Chair, NZ Forum Chair and LN committee member in Auckland and Wellington. He is currently on the Auckland LN committee. He acts as a liaison between the IET and other professional bodies in New Zealand.

Most recently, Frank's primary focus has been the delivery of a STEM based national School's Outreach programme, Project X for IET in conjunction with IPENZ and the IET Schools Liaison Community.

"I feel that it is important for the IET to remain relevant internationally. As a Board of Trustees Member, I see my role of energising the IET in this area. The IET schools outreach initiatives can aid this."

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**SAVVIDES, Savvas.** DipEE MBA MCGI CEng FIET

Age 66. AM 1977, M 1980, F 1993

Formerly Board Member, Cyprus University of Technology, Nicosia, Cyprus

Nominated by Michele Fiorini, Paul Smith, Ali Hessami, R Jananthan, Alkis Spyrou, Jimmy Fam, Mike Lancaster, Amy Longo, Grazyna Whapshott, Kaylan Sagar.

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 almost 40 years of active IET membership 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 eleven 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 for two terms. He was short listed for the 2016 IET Volunteer Achievement Medal.

"Having served IET as an active and enthusiastic volunteer for more than 30 years at all levels including long service in professional registration activities, I have the skills, knowledge and experience needed for an effective and efficient contribution if elected."

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**SWIFT-HOOK, Don.** MA MSc PhD Eur Ing CEng FIET CSci FEI CPhys FInstP CMath FIMA MIoD FRSA

M 1965, F 1968

Retired, Woking, United Kingdom

Nominated by C Reg Russell, C W Turner, J Baylis, J E Allen, Lim Yew Kee, S E Maloney, A A Sayigh, C W Davidson, A Pitcher, A Barnes.

"I believe that all members of the Institution should be able to join a group covering their own specialist technical area. The IEE had 63 Professional Groups to cover electrical engineering but there are now only 24 Technical Professional Networks. I will continue the campaign I started on Council last year to create many more TPNs. This will attract more academics and top experts to the IET; twice as many academics go to the IEEE at present.

My unusually wide experience on my web-site and my past service to the Institution will enable me to press effectively for such developments. I have chaired the Science, Education and Technology Divisional Board, 2 Professional Groups (S1 and S3) and 3 major International IEE Conferences. I have served on many other Boards and Committees. I was Editor of IEE Proceedings (Pt A) and the Energy Series of Books (now Energy & Power) for 10 years.

After National Service, which led to the rank of Captain, Royal Signals, and microwave research with GEC, I joined the Central Electricity Generating Board and became head of a Research Division. On privatisation, I left to establish my own private healthcare business and I am a Member of the Institute of Directors. I was also Visiting Professor at Kings College London for 20 years and am Secretary of the World Renewable Energy Network, organising 16 World Renewable Energy Congresses since 1990. Most of my publications (around 125) concern renewables.

I will also try to halt the loss of Fellows and senior members at Director level by encouraging activities which everyone can enjoy but which they are more likely to find affordable.

I am not an 'insider' nominated eg by the Trustees but an 'independent'. I hope to bring a breath of fresh air to the Board."

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## RUNCIMAN, Neil. MIET FAPM RPP



A 1977, M 1988

Director, Proftel Ltd, Knutsford, United Kingdom

Nominated by George West, Keith Jagers, Graham Pyatt, Alan Dyson, Philip Barlow, Ken Twort, Peter Lawryshyn, Patricia Lancaster, Alan Hirst, Stewart Revell.

A successful project, programme & change management leader, with 36 years in international Telecommunication, IT and Transport, delivering high profile multi-million pound projects to the public and private sectors.

"I am PRINCE2, MSP and Change Management qualified, and been awarded the Registered Project Professional designation, a Fellow of the APM, Member of the IET, an Associate of the IoP and a Member of the APM's Professional Conduct Pool.

Successfully leading challenging change programmes, turning around failing projects in the UK, Europe and US and implementing and managing three PMOs. My excellent communication skills have enabled me to communicate, with clarity, across all internal and external levels. I am adept at devising best practice and supervising 3rd party contractors to deliver success in challenging circumstances and have consistently delivered optimum outcomes to numerous high profile organisations; BT, AT&T, PITO, First Group, National Express, etc.

I developed my strategic thinking in senior management roles in BT, refined those skills running my own company for eighteen years and with fellow Directors setting up a company importing and selling orthopaedic shoes. Also I was the Chairman of the trust managing the local village hall for eight years, additionally reviewed and rewrote the Articles of Association for two further organisations.

I have been mentoring project managers since the year 2000, a STEM Ambassador since 2010 and a Lab in a Lorry volunteer since 2012, driven by the passion to encourage more young people into engineering as a profession.

I have the enthusiasm, time and energies to devote to the next chapter of the principal professional engineering institution in the Europe and would be honoured to bring my particular experiences to the IET Board."

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## DEAN, David J. MSc PEng FIET CMC



Age 61. F 2009

President, Synergetics Group Inc, Calgary, Canada

Nominated by Danielle Antonellis, Colin Arthur, Shee Fuee Chew, Richard Coldbeck, Mark Dean, Tim Hornett, Kevin Murray, Hisham Rojoa, Derrick Stableford, Lee Wood.

"The IET has established a leadership position as a professional, international engineering and technology organization. However, it needs to strengthen its brand, its international reach, and importantly its membership value proposition to achieve its strategic objectives.

My objective as a trustee is a tangible contribution to the success of the IET on behalf of the members. I can achieve this in part by collaborating with Trustees to:

- Develop strategies that will strengthen the IET brand internationally.
- Pursue opportunities that will improve membership value.
- Encourage IET organizational performance improvement.
- Advance achievement of the IET's strategic objectives.

My engineering career commenced in 1976 as a radio-electronics officer in the British merchant navy. After 9 years at sea I transferred to engineering roles in the aerospace and defence sector, working on C4ISR systems with Paramax Electronics, Canadian Marconi, Computing Devices and General Dynamics. After successful roles in systems, software and hardware project engineering, programme management and operations management, I was appointed VP and GM of the Western Canada division of General Dynamics. As VP and GM I was responsible for the performance of a business comprising of multiple operations sites and a multi-billion dollar portfolio of international aerospace, defence and security programmes.

In 2008 I established Synergetics Group Inc, a management consulting company providing systems and services to Government, industry and not-for-profit clients, focused on strategic development to improve organizational capability and performance.

A committee volunteer with the Canadian Prairies Group of Chartered Engineers, I also recently completed my term as an elected member of the IET Communities Resourcing Committee."

### **WARD, Peter Michael.** BSc CEng FIET CIP FBCS



Age 54. M 2005, F 2008

Director, Sunrise Consulting (UK) Ltd, Warwick, United Kingdom; PhD student, University of Warwick, Warwick, United Kingdom

Nominated by Duncan Whittle, Graham Prebble, John Lorriman, Colin Davis, John Coates, Leonard Archer, Glyn Taylor, Roger Medwell, Don Brown, Derrick Willer, David Archer.

Peter Ward is an active member of the Coventry & Warwickshire Local Network Committee and ex-member of the ARTS Committee. He therefore has some insight into how the IET operates. He sometimes wonders whether the balance is right between the members who fund the IET and deliver most of its public-facing activities and the IET organisation which seems somewhat remote despite the best efforts of its hard-working liaison staff. He is therefore standing for Council to understand the realities of the situation more accurately and to propose such changes as may be possible to raise members' interests higher for the wider benefit of the IET.

He last chaired the Coventry & Warwickshire LN Committee during the London Olympics and secured additional IET resources to support the West Midlands' entry into the Cultural Olympiad, "Godiva Awakes". This locally sourced combination of engineering excellence and artistic genius was visible nationally and continues to inspire hundreds of children to consider engineering as a career. This type of activity enhances the IET's reputation while positioning it well in STEM activities. This sort of grass-roots engagement with IET backing should be more common!

Peter has enjoyed a 30-year career with IBM, rising from computer operator to Technical Sales Executive for Middle East and Africa. He is Fellow of the IET and Chartered Engineer as well as Fellow of the BCS and Chartered IT Professional. He is also a qualified life coach and runs his own consultancy business. He left IBM to study for a PhD at WMG, the University of Warwick, which he will complete in March 2017. He is looking forward to bringing his experience to the IET Council for the benefit of the IET's members. He is gratified that his nomination has strong support from the Coventry & Warwickshire LN Committee.

### **ISAACS, Paul J.** BSc MBA CEng FIET



S 1977, AM 1982, M 1994, F 2013

Principal Consultant and Managing Director, Impleo NZ Ltd, New Zealand

Nominated by Karla Smith, Jenny Chi, Sachini Yapa, John Raw, Greg Carroll, Mike Lancaster, Alice Chan, Robert Cooke, Manish Makwana, Darren Baxter.

Paul graduated from Southampton University in 1981 with an Honours degree in Electronic Engineering. He then went on to a career in telecommunications and mobile radio, where he worked on the development of some of Europe's first mobile telephone networks, including TACS networks in the UK, then GSM and GPRS. He engineered network deployments in the UK, France, Belgium and Sweden. Paul also gained an MBA from Warwick University in 1994.

In 1997 Paul moved on to digital PMR and TETRA. He joined Airwave Solutions in 2002 to lead the engineering team in the development of the UK Airwave network, which became the largest public safety radio network in the world, used every day by over 300,000 first responders.

After emigrating to New Zealand in 2009 he established his own consultancy business. Recently he has provided network designs for P25 and DMR digital radio networks in Australia and New Zealand. He is also a registered PRINCE2 practitioner.

Paul has been a member of the Institution since joining as a student member in 1977. For the past 5 years he has been Treasurer for the South Island Local Network in New Zealand.

As a member of Council, Paul will work to ensure the IET continues to support members across the UK and worldwide, endeavouring to improve access to IET resources and provide engaging events and information. Paul believes that the IET must try harder to remain relevant to today's engineers.

Paul also believes that the IET could do more to provide members with additional benefits from their membership, and that more creative thinking in this area could make it easier to recruit new members.

### **RATCLIFF, Jon.** BEng MSc CEng MIET CMgr MCMi



Age 35. S 2000, A 2004, M 2004

Lead Enterprise Architect, Telefónica UK Limited (O2 UK), Slough, United Kingdom

Nominated by the Board of Trustees.

An active, enthusiastic IET volunteer with over 10 years' experience, both in Local Network and Central IET volunteering roles. Jon can bring his strategic thinking, experience and knowledge to benefit Council.

Jon gained a BEng in Electronic and Electrical Engineering and a MSc in Advanced Digital Systems from the University of Hertfordshire. He is a Chartered Engineer and has recently gained Chartered Manager status with the Chartered Management Institute.

He started his career working for Orange and EE where he was part of a mobile network technology team. Jon is currently a Lead Enterprise Architect within O2 UK, where he sets the strategic direction for Business Intelligence technology. He is also responsible for managing a team of Senior Enterprise Architects.

Jon originally started volunteering for the IET at Local Network level in the Bristol Young Professionals (YP) section. Over the past few years he has held Central YP executive roles including, the Young Professionals Community Committee (YPCC) Chair where he led the revitalisation of the committee which saw the launch of the IET Global Challenge and the refresh of many other YP initiatives. Jon is currently undertaking a single year term on the Communities Resourcing Committee and Volunteer Engagement Board and is looking for his next challenge. He has a good understanding of the current IET structure and operation.

"I have really enjoyed my IET volunteering experience over the past 10 years. The IET is becoming increasingly important in today's society due to the speed of technology change and new innovation. The IET has a pivotal role in supporting its members and society as a whole. If elected to Council, I would strive to utilise my skills, experience and knowledge to help the IET to stay relevant. I feel I can make a difference and will help deliver positive results."

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## MURDOCH, Iain. MEng CEng MIET



Age 36. S 1998, M 2002  
Project Engineer, Shell, Rotterdam, The Netherlands  
Nominated by the Board of Trustees.

"Why I am standing for election: I believe as an organization we have the energy, passion and motivation of 167,000 members who will lead the change required to address many of the global challenges we face. I believe the IET is well positioned and has a huge potential to improve the engineering profession. The power of the IET is contained in its membership.

How I will do it: I have previously held governance roles within the IET including Chairman of CC-EMEA, Member of the CRC, Member of Council and Chair of the Benelux LN. I am also an IPRA. I enjoyed the challenge of delivering high quality international events within limited budgets.

I have held diverse roles in projects, engineering, and operations within the energy sector for Shell, TAQA Energy, BP and FKI Engineering and have experience leading multi-cultural teams on international multi-million Euro projects. I have experience ranging from leading teams on the front-line at construction yards and offshore oil & gas installations to strategic planning at global level within the IET.

In addition to being a Chartered Engineer I am currently completing my Executive MBA at the Rotterdam School of Management (NL), having previously gained an MEng at Loughborough University (UK).

I have worked and lived internationally in UK, USA, Netherlands, Norway and Czech Republic.

What I will do: I will ensure the IET is focused on delivering high quality services internationally and the members are supported in achieving their objectives. I will support the IET to extend its mission internationally so we can unleash the knowledge and ideas from all 150 countries where IET has a presence. I will put my efforts into ensuring the IET is lean and efficient in the way it interacts with members and remove the blockers that are holding back growth."

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## 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 Kin Wah Chen, Clara Ping Man To, Victor Lit Pan Lo, Wing Sze Lo, Wai Na Ng, Kai Yeung Tsang, Tsz Fei Lee, Tsz Lung Chan, Ngai Hang Chu, Justina Chun Yin Ho.

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, and changed the field in railway industry after joining Kowloon-Canton Railway Corporation. He is currently working as a design engineer in MTR on Main Control System, and Training Simulator System for railway extension projects, as well as Digital Advertising Television System for media business under Marketing.

Edward started his IET services in Students Section under Younger Members Section (YMS) of Hong Kong Branch. He joined YMS after graduation, and organized the events for celebrating 10th, 16th, 20th and 25th Anniversary of YMS. He became the Chairman in Session 2007-08. In that session, he led the exchange programme with the representatives from IET Beijing Network. He is currently the Young Professional Coordinator of Branch Committee, Ordinary Member of Management Section, as well as the Ordinary Member of Railway and Transport Section, all in Hong Kong Branch.

Edward broadened his vision by serving the Council of the Institution from 2010 to 2013. He joined Working Party on Communications the Views of Members, and Young Professional Task Force.

"The Institution has provided me a number of opportunities to collaborate with talents from different background, which enhanced my courage and enthusiasm on serving the members, not only in local network but also around the globe. The new structure in Council after G4F offers me a chance to propose and implement the new idea. It is time I contribute myself to the members, and hopefully more inspiring suggestion could be brought out."

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## JOSHI, Bhagvat. BSc MBA MIET



S 1978, M 1982  
Senior Technology Analyst - Telecommunications Policy, CRTC Canada, Gatineau, Ontario, Canada  
Nominated by Kevin Murray, Paul Smith, Colin Billowes, Hudson Egbert, David Farmer, David Mann, King On Lee, Frank Johnson, Frank Lewis, Gareth Woods.

Bhagvat Joshi has dedicated his time as a volunteer with the IET for over two decades including: Chairman of the Council Strategy Working Party (2015); Past Treasurer for the IET Ottawa Local Network and current member of the Communities Committee Americas (CC-A) and the IET Ottawa executive committee. Additionally, Bhagvat is on the executive team of the IEEE Ottawa section and a volunteer with the IEEE Humanitarian Technology initiative, where he dedicates some of his time and energy to help the needy.

If elected, Bhagvat would continue to make the IET more relevant to its existing members and attractive to new members, especially those in North America. To this end, through his work in CC-A, insight, contacts and working relationships with other organizations including the IEEE and professional engineering bodies in North America, Bhagvat can bring the perspective of the "value proposition" that would be attractive to members in North America, leverage IETs strengths while complementing their membership in other organizations and allow IETs membership and outreach to grow.

Bhagvat graduated in 1982 with a degree in Electronic, Computer and Systems Engineering from Loughborough University, UK. He also earned an MBA from uOttawa, Canada. Bhagvat has lived and worked in the UK, USA and Canada.

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## **WILLER, Derrick.** CEng MIET MIMechE



S 1966, AM 1967, M 1985

Retired, formally a Director of Cavendish Consultants, Warwick, United Kingdom

Nominated by David Draper, Anthony Moss, Stephen Gergely, Adrian Pauling, Chandra Gunpath, Simon Brook, Jim Price, David Dyer, Peter Ward, Andrew Tickle.

Derrick has served as Honorary Secretary for IET Coventry and Warwickshire Network and IEE SE Midlands Centre since 1991 except for a year as Chairman and a year as Treasurer. Prior to the merger of Institution of Manufacturing Engineers with IEE he served as Programme Secretary for the IMfgE Coventry Branch for over 6 years.

Derrick was a prime mover in setting up of the Midlands Manufacturing Group where he served as Chairman. He was the founder Chairman of the Midlands Automotive Network and the Midlands IT Network, maintaining websites these events for IET and sister Institutions for the benefit of members, etc and advertises these on relevant Linked-In groups.

The IET local Committee is fully behind his nomination and recognises Derrick as a pro-active supporter of the IET, actively seeking out speakers for state-of-the-art technologies to serve members, etc, working with sister Institutions to share best practice.

Derrick's career spanned many industries as an engineer and management consultant including many projects in UK and around the world.

As Schools Liaison Officer and Neighbourhood Engineer, he led the YES and CPE local campaigns and started the Tomorrows Engineers exhibitions at the Town and Country Festivals, renamed Imagineering. He continues to organise the IET Stand at Imagineering, Big Bangs in Coventry and Warwick Castle and local Scout Jamborees. During Tomorrows Engineers and Science Weeks and at term-ends he organises speakers to go into schools. He has designed over 150 pupil challenges listed on the IET Schools Liaison website, many of these are used in UK and some are used by teachers and pupils in Canada, USA and Australia. The pupil challenges are also advertised on STEM Linked-In groups.

The IET Coventry and Warwickshire Network Committee believes that Derrick's experience and service will bring valuable support to the IET Council.

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## **HUTTY, Abbie.** MEng CEng FIMechE MIET



M 2014

Principal Spacecraft Structures Engineer, Airbus Defence and Space, Stevenage, United Kingdom

Nominated by the Board of Trustees.

Abbie is a Principal Spacecraft Structures Engineer for Airbus, working on ExoMars, Europe's first Rover mission to Mars. A keen proponent of STEM Education and Outreach, Abbie was the IET's Young Woman Engineer of the Year in 2013. Chartered through the IMechE as well as a member of the IET, in 2016 Abbie became the youngest ever elected fellow of the Institution of Mechanical Engineers. Abbie is currently on the committee of the IET's Satellite Systems and Applications TPN, as well as the IMechE's Aerospace Division Board.

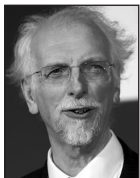
Abbie gained her Masters' Degree in Mechanical Engineering in from the University of Surrey, and joined Airbus Defence and Space as a Mechanical Analyst in 2010. Now Lead Structures Engineer for the Rover Vehicle, she leads a team of 20 specialists in the design of the ExoMars Rover Vehicle Structure, and is responsible for all technical aspects of the Rover Structure design and manufacture.

Alongside her day job, Abbie undertakes many STEM Education and Outreach roles, talking about the mission and her role to students and the wider public in order to promote engineering careers and the study of STEM subjects to the next generation. She has appeared in numerous print, radio, and televisual roles in her capacity as an ExoMars Engineer, including on the Sky at Night, the Royal Institution Christmas Lectures, and on Stargazing live with Brian Cox and Dara O'Briain.

If elected, Abbie hopes to bring to the role the views of young members, the objective to enhance the value of IET membership, and her passion for engaging the general public in engineering. She hopes to use her links to other Engineering charities and groups to initiate further collaborations between societies, including the IMechE, the Royal Academy of Engineering, WES, STEMnet, the Arkwright Foundation and Tomorrow's Engineers, among others.

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## **PHILLIPS, Ian.** BSc CEng FIET SMIEEE



Age 67. A 1974, M 1977, F 1996

Visiting Professor at Universities of Plymouth and Liverpool, Plymouth and Liverpool, United Kingdom

Nominated by Steve Beaumont, Andrew Brown, Tudor Brown, Steve Furber, Peter Harrod, Andy Hopper, Robin Saxby, James Urquhart, Peter Walters, Hossein Yassaie.

"I left school at 15 to undertake a four-year Electronic Apprenticeship with the MOD, leading also to a First-Class EE Honours Degree from University of Wales, Swansea in 1974. Over the next 42 years, the heyday of Moore's Law, I worked in micro-electronic design, its methodology and management; for Pye TMC (becoming Philips), Plessey Semiconductors (becoming GEC) and ARM Ltd of Cambridge. There, as Principle Staff Engineer, my focus was emerging Electronic Systems technologies; establishment of Research in a Business context; evolution of Technology-IP as a business; and the industry's needs for Education and Professionalism. So whilst having a day-job, I have always been able to support a personal interested in the development and image of the Profession. A member of the IET since 1976, I served on the ICT Sector Panel in 2003/4, but with my corporate backing found I had greater impact in direct relationships with UK Universities, Industry Associations, SMEs, the UK and EU Research funding bodies, and ESCO.

Today, I believe our ICT Professions are in danger of being wholly discounted in the (UK) public eye. Unaware of the many and varied roles we are playing in society and the economy; politicians and the media depict us as a failed community. So, I want to help to make us visible again; for the public to understand the value and the opportunity we present; and to have confidence in our integrity. Where the public-mind goes, the politicians and agencies follow.

Though I retired in November, I am still interested in the wellbeing of the Profession; and you, the people who make it what it is. And I consider the best way for me to contribute my experience and passion now, is through IET Council ... and to that end I count on your support."

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## AKINOLA, Yewande. BEng MSc CEng MIET



Age 32. 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."

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## ARTHUR, Colin M. BEng PhD MIET



Age 36. S 1998, AM 2001, M 2002  
R&D Operating Manager, Keysight Technologies, Edinburgh, United Kingdom  
Nominated by the Board of Trustees.

A highly committed and experienced leader of IET activities, having served as an active volunteer from local YP section to Board level. Passionate and enthusiastic about the future of our Institution, and proud to call himself an engineer.

Colin currently chairs the IET Communities Resourcing Committee, providing direction and driving strategic initiatives which have increased the number of attendees at IET events, increased the IETs spending in its Networks around the world, and refined the strategic management of our Communities Committees to improve clarity and effectiveness. Colin was winner of the Paul Fletcher Award for Young Professional Achievement in 2010, and has previously served on the Young Professionals Board, the GB&I Regional Board, Council, European Young Engineers, and Knowledge Services Board.

Colin is an R&D Manager at Keysight Technologies, where he manages teams of engineers in the UK and USA, inventing and prototyping the next generation of electronic measurement technology. Previously, Colin was a Research Fellow at the University of Strathclyde.

"Our Institution continues to make strong positive impact on raising awareness of engineering, at a time when technology is driving great change in our society. Our Institution's greatest strength is its members and volunteers - students through retired members - and their desire to share knowledge, network, and build community. This has motivated my IET involvement, and my work to empower Members to promote their profession.

If elected I would work to make the IET more effective for members to have an active role in their Institution. This would develop transferable skills and improve membership retention, develop future leaders of the profession and the Institution, and foster the sense of pride and community that members desire."

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## HO, Justina Chun Yin. BMath MSc LLB MIET



M 2002  
Director, Talent Wealth Group Ltd, Hong Kong SAR  
Nominated by Li Chi Ho, Lee Chi Chung, S L Mak, Anthony Kwan, Johnny Ng, K W Chen, Lee Tak Wai, Tim Woo, William Wan, Lewis Choi.

Justina is a Systems Engineering Consultant with Computer Science degree from University of Waterloo, Engineering Management degree from University of Warwick, and Law degree from University of London. She is also a Lecturer for postgraduate programmes.

She is a loyal supporter for challenges and continuous education. Besides her endless pursuit of knowledge herself, she has dedicated much of her time to students, especially with the aim to foster creativity and interests in science and engineering. That includes mentoring, presenting, and judging in many student events and programmes. This passion coincides with IET's recent policy in STEM education, and she is currently the STEM Programme Coordinator of the IET Hong Kong, hoping to promote the team's works efficiently.

Justina has been a devoted IET volunteer for over a decade, serving many committees including the YMS, ICTS, and BC. She has chaired and organized over a hundred events and projects for the IET Hong Kong, and she gradually found herself acting more as the spokesperson or PR manager in many IET events in recent years.

Since her role as the Chairlady of ICT Section in Year 2011, she made it her duty to strengthen the presence of the IET in public and within the ICT community, when the local ICT industry has been blossoming and old brands like the IET can easily be overshadowed. She also strongly believes that voices of IET should be heard and become influential, particularly for Government policies. The public's perspective of IET being a professional leader should be clear, and it should be the IET's mission to lead the general public to the realization of visions.

Justina has also served many other committees and policy steering councils in the industry. This experience hopefully can bring inspirations to the IET Council.

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## **STEEL, Cameron.** CEng FIET MCIBSE FIHEEM MInstRE



Age 51. S 1992, M 1999, F 2013

Director, BK Design Associates UK Ltd, Horsham, United Kingdom

Nominated by Keith Parr, Matt Flowerday, Simon Robinson, Huw Blackwell, Gary Middlehurst, Tony Sung, Maria Vukovic, Blane Judd, Nigel Ward, N F Chin.

Cameron started his electrical career in 1982 with the Royal Engineers. After HND Engineering (1993), and electrical contracting in Scotland, he moved onto building services design consultancy in England with RSP working on large healthcare projects. Five years with Parsons Brinckerhoff followed, gaining further experience on design and management of building services related projects in education, healthcare, transportation and defence. Since 2008 he has been principal of BKDA and worked on healthcare, data centres, education, electrical infrastructure and government related projects. He also works as an Authorising Engineer.

He joined IEEIE (1992) and became MIIE and IEng in 1999 (IIE). He became CEng (IET) in 2008 and FIET in 2013. A volunteer since 2003 (IIE), his previous IET roles include chair of BETNET, chair of Built Environment Sector, past member of Council (including CCT) and supporting role in the SP refurbishment committees. Now working with IET as a technical author - Guide to Electrical Maintenance and Designers Guide to Energy Efficient Electrical Installations.

"It is important that IET Council engages with the wider membership, and ensures that the IET meets the aspirations of its current, and prospective, membership across the globe.

IET members face many engineering and societal challenges including energy demands and efficiency, adapting to changing climates, recognition, innovation, education. It is important that the Council plays its part in making sure the IET is fit for purpose and able to properly deliver the organisation that it should be.

It is also important that the aspirations of younger members, technicians and IEng members are fully met with clear pathways for their progress. The IET should be a multi-disciplinary 21st Century learned society, building on its legacy but forward thinking, ready to challenge where necessary and always ready to engage. It must be inclusive of all members at every level worldwide."

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## **GOULD, Peter.** BEng CEng FIET



Age 48. M 1997, F 2013

Consulting Services Director, Multiple Access Communications Limited, Southampton, United Kingdom

Nominated by David Hendon, Lajos Hanzo, David Kenyon, Howard Foster, John Williams, Terry Mitchell, Choong Hin Wong, Tim James, Ee Lin Kuan, Raja Farooq.

"I believe passionately in the ability of the engineering community to improve the lives of people all around the world and I fully endorse the mission of the IET to support technological innovation to meet the needs of society. I have always had a keen interest in engineering and technology and I became a Technician Apprentice in 1984 with the Ministry of Defence. This provided an excellent grounding and offered me a gateway to study Electronic Engineering at university. After graduating in 1991 from the University of Southampton, I joined Multiple Access Communications Limited (MAC Ltd), a SME providing consulting and product design services to the mobile communications sector. I became a Director of MAC Ltd in 1991 and last year I celebrated 25 years of service at the company. This background provides me with a good understanding of the challenges and rewards of successfully directing and managing an SME through times of great technological and economic change.

I believe strongly in providing all children with access to a good education, regardless of background. I help to support the IET in its mission to raise the profile and understanding of engineering in schools and colleges by acting as a STEM Ambassador, promoting the STEM subjects (science, technology, engineering and mathematics) through voluntary activities such as careers days and the IET Faraday Challenge.

I am also the Chair of Governors of two state-sector schools and a Director of a community-based Multi-Academy Trust. This provides me with a good understanding of the requirements of effective governance and the importance of continuous self-evaluation and improvement within an organisation.

If I am lucky enough to be elected to the IET Council, I will proudly serve the members in monitoring the governance of the organisation and promoting a culture of self-evaluation and continuous improvement."

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## **FUNG, Yin Wai Christy.** BEng MIET



A 2008, M 2010

Senior Analyst Programmer, Automated Systems (HK) Limited, Hong Kong SAR

Nominated by Joe C H Wan, Teresa K M Wong, David C W Yiu, H Y Chung, Elaine S L Chow, Steve Y F Chu, K C Yip, H K Tse, Peter S S Suen, Victor Chan.

Christy Fung graduated from the Chinese University of Hong Kong with a Bachelor Degree in Electronic Engineering in 2010, and she had solid experience in IT industry providing system design for radio frequency identification system such as RFID traceability for Risk Management in Hospital which strengthens the medical system.

Christy has been serving the IET Hong Kong Younger Members Section since 2007. She is an energetic and committed volunteer in the YMS and is very excited about being a young professional's voice within the IET. In session 2012-2013, she was the External Affairs Coordinator of YMS and organized and participated in various successful events and conferences which provided networking opportunities for participants of various engineering disciplines. With her enthusiastic personality, she has helped to successfully promote the IET among the engineering field, especially the young professionals and university students and helped to support the IET/MATE Hong Kong Underwater Robot Challenge since 2014.

"Not only have I gained amazing wealth of experience from the IET, but also my horizon in engineering is broadened. I want other Engineers and Technologists, to have the same experience. To help engage students and retain young talent, I can bring an innovative and unique perspective and voice from young talent to the Council."

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## TAN, Eng Hwa. BEng EMBA PMP MIET



Age 33. M 2014

Manager, Corporate Planning, ST Kinetics, Singapore

Nominated by John Tan Chong Heng, Liau Vui Kien, Jolyon Chaplin, Ismail Vanda, Duncan Fraser, Kwok Hae Fun, Lee Chong Wei, Cheng Chia Loon, Edward Ho Teck Hwa, Teh Rong Jiunn.

Eng Hwa is Chairman of the Young Professional Section (YPS) and Treasurer of the Singapore Network. He has been actively volunteering with the Singapore Network since 2013 starting as Committee Member and has successfully ran the inaugural Faraday Challenge on 15 Dec 2015. The event was a huge success and a second run in collaboration with the Infocomm Development Authority of Singapore was successfully delivered on 21 May 2016. He was also the organising chair for the network's 40th Anniversary Dinner on the 2 Dec 2016.

"To inspire, inform and influence the engineering community" is the mission of the IET and Eng Hwa truly epitomises this by stepping up to lead amazing teams of volunteers to make engineering fun again by thinking out of the box and experimenting with various mode of running events to see which gathered the best feedback from members. He also attended the Community Volunteers Conference on 17 & 18 Jun 2016 where he shared the best practices of the Singapore Network and learnt the best practices of the other networks.

Eng Hwa received his Executive Masters in Business Administration from Tsinghua University and INSEAD and his BEng (First Class Honors) in Computer Engineering from Nanyang Technology University. He is also a certified Project Management Professional. Eng Hwa started his career in the Military where he was a Company Commander before embarking on his entrepreneurial journey as a co-founder of an Internet of Things (IoT) startup. Eng Hwa is currently a Manager in ST Kinetics.

Having worked with people from diverse culture in multidisciplinary engineering environment and managing teams to deliver result through strategic thinking while ensuring risk management and proper governance, Eng Hwa is well position to serve in Council to express the views of global members in a professional and constructive manner.

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## POOLE, Maurice. DipEE MBA CEng MIET



S 1968, AM 1970, M 1994

Retired former Head of Electrical Engineering and Head of Engineering Development, British Energy, Hinkley Point Power Station, Bridgwater, United Kingdom

Nominated by Peter Shiret, Paul Miseldine, Richard Watkins, Dominic Harborne, Gabriel Carrillo, Dominic Taylor, Stephen Pearson, David Briggs, Bryan White, S K Long.

After a successful career in electricity generation, a period in academia and another in consultancy, Maurice offers wide experience and ability to represent many interests. From a base of 20 years' service on local committees, former chairman of a Centre and later a Branch of the then IEE and now as secretary of a Local Network Committee and the same for an Area Forum, 3 years on the committee of an IEE Professional Group, 1+ years on Council as a Centre Chairman, elected to Members Board and serving on its Finance Committee and Communication Strategy Working Party, he can bring a wealth of experience to Council.

Maurice served on Council 2013-16 as elected Ordinary Member in the category Geographical Membership, supported the "G4F" proposals, was a member of, and in the last year chaired, the Communicating the Views of Members Working Party and successfully presented several papers to plenary sessions, serving also on the Council Co-ordinating Team. He was the author of four of those papers, and was one of the more active members, always willing to express views, on occasion against prevailing thought.

At various times Maurice has served as Industrial Representative, Professional Registration Adviser and now CPD Assessor. If elected, he would seek to communicate with Local Networks and Staff and explore ways to do so with TPNs and other bodies, in short to follow through if possible the recommendations of the Council Working Party.

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## ROJOA, Hisham R. MA MEng MIET



Age 41. S 1994, AM 1998, M 2002

Managing Director, Storm Edge Limited, Vacoas, Mauritius

Nominated by Savvas Savvides, Imran Shafique Ansari, Shee Fuee Chew, Christopher J Bruce, Janice Wai Chun Man, Mohammad Shah Nawaz Hossenbaccus, Laura Barrabia Gil, David J Dean, Christos Christou, Adeeb Mohammed Arif.

The IET is one of the largest professional organisation in the world, and it should leverage more on this fact to increase the value and benefits it brings to its members. As a member of Council, Hisham will focus on how to bring more value and benefits to members all over the globe. He will also encourage increased collaboration with other professional organisations for the benefits of all parties. He is also keen to see the IET strengthen its global presence.

Hisham graduated from Cambridge University with an MEng in Electrical and Information Sciences in 1998. During most of his career, Hisham has worked in the Telecoms and IT sector where he has handled different roles from project management, technical, strategic planning, legal and marketing. He has also gained international experience when he joined the Regional Internet Registry (RIR) for Africa and worked in collaboration with other RIRs around the world. He ended his corporate career as a senior manager and started his own venture in strategic consulting and software development.

He has been active volunteer for the IET since 2006; taking on a number of different roles for the Mauritius Local Network including the chair position. At global level, he has been member on the EMEA Community Committee (CC-EMEA) from 2010-2013, where he was responsible for the budget allocation and the Community Volunteer Conference organisation within the CC-EMEA.

He was appointed chair of CC-EMEA for the 2014-2017 session and was also involved in the organisation of the last Volunteer Conference in London. He has had a very enriching experience on CC-EMEA and Communities Resources Committee (CRC) working closely with IET staff and volunteers from different countries and cultures.

Being an entrepreneur, Hisham has the required time to devote to volunteering. Hisham believes his skills and experience will benefit Council.

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## **DONAGHY-SPARGO, Christopher.** BEng PhD CEng MIET



Age 29. S 2009, A 2011, M 2012  
Research Fellow, Durham University, Durham, United Kingdom  
Nominated by the Board of Trustees.

"As an early-career, professionally registered engineer, I am deeply committed to working with the IET as both a member and as a volunteer. I would consider it a great honour to be elected as an Ordinary Member of the Council - my election would enable me to play an even greater role in building and shaping both the Institution as the 'Professional Home for Life' for engineers and the wider profession. If elected, I would place particular emphasis on working to attract, engage and retain young professional members from both academic and vocational routes. I believe this to be important for the IET, as these individuals are not only the Fellows of the future, they are the future of Engineering & Technology and therefore strategic in the IET maintaining its worldwide reputation and influence.

In preparation for Council, over the past 3 years I have gained wide ranging experience in many areas of IET activity. I am currently serving on the Membership & Professional Development Board, the Scholarships Committee, and the Engineering Horizons Bursary Assessment panel and as an Associate Editor for two research journals. I am also engaged in local activities as a Professional Registration Advisor for the Teesside area and the IET Academic Liaison Officer within Durham University.

Professionally, I am actively engaged in research within the field of electrical machines and drive systems at Durham, having been previously with Dyson as a Research Motor Drives Engineer and a Guest Member of Staff at the School of Electrical and Electronic Engineering, Newcastle University, UK. Awarded an IET Postgraduate Scholarship in 2012 for my research on novel rotating electrical machines, in 2014, I was awarded the Sir Henry Royce Medal by the IET and the Bronze Medal in Engineering jointly by the Parliamentary & Scientific Committee & the RAEng."

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## **MADURAI SRINIVASAN, Vikram.** BEng MBM MIET



Age 34. A 2011, M 2012  
Director of Vickram Engineering College, Madurai, India. Director, Auguxsys Technologies Private limited, Madurai, India. Vice President, Magicwatt Energy Systems, Madurai, India.  
Nominated by S Nagarajan, M Mahalakshmi, A B Gurulakshmi, J Mohammed Feros Khan, M Shunmugasundaram, V Dass Mohan, V Kumarasamy, M Thiagarajan, P Pavunraj, N Daniel.

"I believe that IET could become an excellent platform to engage young engineers and drive ideas to solve problems. I have been a member of IET since 2011."

Vikram is an Engineering graduate from Northumbria University. He has completed his post graduation from Strathclyde Business School, Glasgow. He is currently the Vice Chairman of the IET Kanyakumari (India) Local Network.

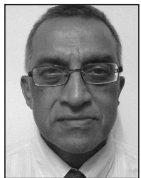
He is the chosen national IT Convener (2015-17) for Round Table India (not for profit), which has more than 4500 young men as part of their organisation. This opportunity has led Vikram to initiate several app-based projects that resolve the issues of resource connectivity for the organization. The success of these projects has led to better management of objectives and timelines.

He is the Vice President of Magicwatt Energy Systems, that has been actively involved in helping semi-urban Indian consumers consider solar as a viable and efficient power source. He has expertise in solar roof top solutions for both business and home installations. He is also Director at Auguxsys Technologies, and is currently working on latest software development platforms like Mean Stack, Mongo DB, and Angular JS etc, to develop web and mobile applications for a variety of customers.

If elected "If given an opportunity to be a part of the Council, I would work towards bringing fresh and innovative ideas to discussions that impact the IET. I believe that my background and skill set would add value to the team and help in achieving the common goal. I will be focused on motivating the team to realise its full potential and increase the opportunities for volunteers to engage at different levels within IET."

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## **BEEHARRY, M A Reza.** BSc PGCE MIET



Age 61. S 1979, AM 1979, M 2002  
Head of Mathematics Department, College De La Confiance, Beau Bassin, Mauritius  
Nominated by R Bunjun, D Beedasy, A Peermamode, F Coowar, D Domah, Jack Lord, Hamish Bell, Walter Green, J Leung Yinko, Jimmy Fam.

Reza is 61 years old and graduated in 1979 with a First Class Honours degree in Combined Engineering Studies at Lanchester Polytechnic, Coventry. He then worked as an Assistant Engineer at Plessey Telecommunications, Taplow, until December 1980. In 1981, he was employed at College De La Confiance, and is at present Head of the Mathematics Department.

He is an active IET volunteer. He was Chairman of the Mauritius Local Network in 2009 and 2010. He helped in organizing talks in colleges by Engineers on "An Awareness in Engineering" to make students aware of different fields. He also helped in the planning and running of all the activities organized by the local network, including the PATW competition.

In 2013, Reza was elected as Council Member. The experience, support and guidance gained from the members in Council have helped him to think creatively, develop teamwork spirit and make good judgements for the success of the IET. Reza is in daily contact with college students and this experience will help him to exchange views with other members so as to make the IET achieve its goal of increasing the percentage of students, especially girls, taking Engineering degrees. He believes in diversity and has always tried to get more girls interested in Engineering and in Mauritius, there is a gradual increase in the number of girls studying Engineering Degrees. Reza is a firm supporter of women in Engineering.

Reza is dedicated, motivated, open-minded and confident that - if elected - he will be an asset to the Council. His experience in the LN and Council has shaped his daily life to help the IET to meet the needs of the members.

**CHENG, Kai Xian.** BEng



Age 25. S 2011  
PhD Student, Nanyang Technological University, Singapore  
Nominated by John Tan Chong Heng, Jolyon Caplin, Duncan Fraser, Ismail Vawda, Cheng Chia Loon.

Cheng received his BEng (Hons) in Mechanical Engineering in 2015 at Nanyang Technological University (NTU), Singapore. Thereafter, he begins his PhD study in microscale heat transfer research.

Cheng has been an active IET volunteer since his undergraduate years in NTU. He served a few key positions which include Assistant Financial Controller, Special Project Organising Chair and President in NTU On Campus. It was during these years that he gained valuable experience in communicating resources and team organization owing to the fact that NTU has the one of the largest engineering colleges in the world, serving near to 13600 engineering students each academic year.

“My passion in IET did not end with my term in NTU On Campus and thus I embarked on a journey in Young Professional Section (YPS) Singapore Network. Currently serving as Vice Chair for Student Affairs, I am tasked to oversee two growing On Campuses in Singapore while seeking collaboration opportunities with other education institutions. Together with my peers in YPS, I am happy to see our hard work comes to fruition with the establishment of IET PSB On Campus and both groups show remarkable growth in terms of membership strength, publicity and most importantly, influence among the students.”

By being part of CRC, he wishes to achieve the following visions:

1. Communicate with every community to understand their needs for growth
2. Enhance the connections between all IET communities
3. Identify potential new-emerging local or technical communities

“It will be my honor to serve IET communities with the experience and knowledge I have garnered in IET. I am looking forward to working with like-minded people in CRC to facilitate the growth of every IET community.”

**KENNEY, Macauley.**



A 2013  
Research Fellow, MIT, Cambridge, Massachusetts, USA  
Nominated by Danielle Antonellis, Kristen Facciol, Ryan Going, Jim Hall, Mia Jovic.

Macauley holds a degree in Biomedical Engineering with a focus on Law and Technology, and a Master’s in Technology and Policy from MIT in the United States. Having assisted in numerous development projects around the world in regions ranging from Singapore to Rwanda she is experienced in tailoring services to meet local communities, and welcomes the opportunity to apply those skills to the diverse regions of the IET.

Macauley has been an active IET member since the 2013 Present Around the World (PATW) competition, where she was the North American representative at the 2013 Global Final. She represented the IET at the Women in Engineering Proactive Network conference in June 2014, and subsequently was elected to join the Communities Committee for the America’s region (CC-A). While on the CC-A she sat on the Finance and PATW Subcommittees, and planned and hosted the PATW for her own local network. She is also proud to have been the Americas representative for the Young Professionals Communities Committee (YPCC) for the past two years, where she has worked with young professionals from around the globe to create new initiatives and improve existing IET services.

“Serving on the YPCC has given me a unique opportunity to hear from young professionals from all five regions on what the IET means to them, and to work towards making the IET an important component of their career. I would like to take that experience to the CRC to assist in developing policy that furthers that goal.”

**CHAN, Alice S K.** BE MEMgt MIET



S 2002, A 2003, M 2004

Acting Manager Electricity Operations Planning, Vector Limited, Auckland, New Zealand  
Nominated by Jenny Chi, Karla Smith, Sachini Yapa, Frank Lewis, Paul Isaacs.

Alice graduated with a BE in Electrical and Electronics and Master in Engineering Management from the University of Canterbury New Zealand. Her past work experience includes electrical engineering planning, design and implementation. In recent years, Alice has diversified into IT and management.

Alice has been an active IET volunteer since 2001. She was Chair of the Auckland Younger Member Section for 4 years, and Honorary Secretary for the local network. She served on the Membership and Regions Board from 2004 to 2006, and on the Asia Pacific Regional Board from 2007 to 2009. Alice was elected to the Board of Trustees in 2010 and Council in 2014.

In addition to her past committee experiences, she will bring her leadership, organisational and strategic thinking skills to the role. She has worked across cross-functional teams, and believes in collaborating with a diverse range of people to achieve the right outcomes. She is results driven and is passionate about getting the job done well.

Alice's aspirations for the role are: "Working together to implement strategies and initiatives for volunteers and local networks to be successful, and ensure they are sustainable in the long term for the IET. We also need to ensure that volunteers can continue to grow and develop new ideas through the right volunteer projects and programmes."

**JANANTHAN, R.** BScEng MBA-MOT CEng CITP MIET MIEEEE AME(SL) MCPM(SL) JP(SL)



S 1999, M 2003

Manager-Commercial Management, Ericsson, Melbourne, Australia

Nominated by Karunadasa Priyantha, Kwong Chiew-Foong, Jimmy Fam, Arthur Baoustanos, David Leong.

"Dear My friends and members of IET, my wish and vision is to gain more foot print for IET and to be well recognized globally. While I was serving in South Asia Regional Board years ago, I did open new networks with more members and I generated new ideas in the region and implemented. It worked very well. Presently I am working with large industries in Asia-Pacific for the IET to be recognized in professional registration platform. Presently, being member of Volunteer Engagement Board

(VEB), will help me to do more in the membership drive and volunteer motivation. I will be better bridge between Asia-Pacific committee and VEB.

I joined IET in 1999 and established IET chapters in Universities and joined with IET-YMS Sri Lanka in 2001 and retired as YMS chair. I was Hon Secretary of IET Sri Lanka network and Board member of SARB and also sitting in Global Finance Committee. I have put lot of effort on IET branding using TV channels, membership drive and Professional registration. Currently I am member/IPRA of IET Victoria committee. I am also a member of Volunteer Engagement Board (VEB) and PRI, IPRA and committee member of MMC TPN.

APAC region for IET is large with more diversity and therefore there is big potential in the region for IET to be established in different areas. If I elected, I can bring new ideas and implement in the region with committee's support. I organized first PATW competition in APAC in Malaysia. I am sure I can do much more in the Region with my past experiences. My vision is the APAC region to contribute significantly to achieve IET 2020 Goals. Let's work together."

## ELECTION TO THE COMMUNITIES COMMITTEE - EUROPE, MIDDLE EAST AND AFRICA 2017 - ORDINARY MEMBERS

### ARIF, Adeeb Mohammed. BSc



Age 22. S 2004

Software Developer, Indielabs Inc, Dharan, Saudi Arabia

Nominated by Laura Barrabia Gil, Hisham R Rojoo, Kamilla Aliakhmet, Christos Christou, Sultan Ahmad.

A Young and budding Computer Scientist and Software Developer, keen in involving and engaging the youth with IET. Adeeb believes that today's youth are a reflection of tomorrow's future.

He is an aspiring Computer Science student at KFUPM (King Fahd University of Petroleum and Minerals), who has been actively involved with IET since 2012 and leading the IET-KFUPM network since 2014, rejuvenating it and bringing it back from an almost inactive society to the position, recognized by IET as "The network with most under 30's participation". Moreover, he has been in close contact with the EMEA society and CC's-EMEA, working on building closer relationships and stronger networks. Most of his efforts and focus pertain towards young members, as they are the fuel and future of IET.

He is very excited and enthusiastic about the future of IET and specifically the EMEA network and believes that the EMEA networks have great potential, which can be harnessed through consistent effort and leadership.

"Leading the IET network in KFUPM and being involved in various activities throughout school and university, life has given me the personality, leadership and management skills required for this position. I consider myself highly eligible and apt for this position, since I am described as a leader, capable of driving LN's to greater success and heights. With my readiness and excitement for the future, whatever it may hold, my confidence will ensure achievement and greatness of IET, not just in EMEA region, but all over the world."

### MAN, Janice Wai Chun. BEng MSc(Eng) MIET



S 2001, AM 2002, M 2002

Project Engineer, GTD Sistemas de Información, Barcelona, Spain

Nominated by Christopher J Bruce, Faith Golly, Iain Murdoch, Imran Shafique Ansari, William Malcolm Tate.

Janice obtained her BEng (Electronic Engineering) from the Hong Kong University of Science & Technology, and passed her MSc(Eng) from the University of Liverpool, UK with distinctions. She lived in Hong Kong, UK and Germany before and has moved to Spain recently. She is working on designing and implementing a ground segment software of the Ariane 6 Rocket.

She has been an active volunteer for 15 years and served various IET local networks (LNs), boards, committees and the Council. She was a co-opted member of the CC-EMEA between 2013-2015 and represented the CC-EMEA in the Young Professionals Community Committee (YPCC) between 2014-2015. Currently she is a committee member of the IET Barcelona group, an executive member of the Aerospace Technical Professional Network (TPN), and an ordinary member of the Communities Resourcing Committee (CRC).

Being heavily involved with the IET and young professionals (YPs) around the world, she is very keen on:

- Engaging YPs in the EMEA region with the IET.
- Helping the EMEA LNs to recruit new members and encourage ex-members to re-join the IET.
- Encouraging collaborations of events organisation among LNs, TPN and other professional institutions.
- Helping resolve any conflicts and issues of LNs with the IET.
- Promoting females to work in engineering disciplines.

### BEEHARRY, M A Reza. BSc PGCE MIET



Age 61. S 1979, AM 1979, M 2002

Head of Mathematics Department, College De La Confiance, Beau Bassin, Mauritius

Nominated by R Bunjun, D Beedasy, A Peermamode, F Coowar, D Domah.

Reza is 61 years old and graduated in 1979 with a First Class Honours degree in Combined Engineering Studies at Lanchester Polytechnic, Coventry. He then worked as an Assistant Engineer at Plessey Telecommunications, Taplow, until December 1980. In 1981, he was employed at College De La Confiance, and is at present Head of the Mathematics Department.

He is an active IET volunteer. He was Chairman of the Mauritius Local Network in 2009 and 2010. He helped in organizing talks in colleges by Engineers on "An Awareness in Engineering" to make students aware of different fields. He also helped in the planning and running of all the activities organized by the local network, including the PATW competition.

In 2013, Reza was elected as Council Member. The experience, support and guidance gained from the members in Council have helped him to think creatively, develop teamwork spirit and make good judgements for the success of the IET. Reza is in daily contact with college students and this experience will help him to exchange views with other members so as to make the IET achieve its goal of increasing the percentage of students, especially girls, taking Engineering degrees in the EMEA region. He believes in diversity and has always tried to get more girls interested in Engineering and in Mauritius; there is a gradual increase in the number of girls studying Engineering Degrees. He is a firm supporter of women in Engineering and he will use his experience to make the IET more visible in the region.

Reza is dedicated, motivated, open-minded and confident that - if elected - he will be an asset to the EMEA. His experience in the LN and Council has shaped his daily life to help the IET to meet the needs of the members.



Age 47. AM 2001, M 2002  
Chief Executive Officer, Water & Sanitations Services Company, Bannu, KPK Pakistan  
Nominated by Mohamed Aslam, Sheraz Anjum, Mubashir Ali Haider, Nadeem Shaheedi, Nouman Chuhan.

Tauqeer has worked as an Engineer for the past 20 years on oil & gas diverse engineering projects of varying scales, in a number of different countries and covering a range of engineering areas. He has experience of performing roles at various levels from project management, design and commissioning to academic research.

Tauqeer is now the Chief Executive Officer (CEO) of water and sanitation services company (WSSC) Bannu, Government of Khyber Pakhtunkhwa Pakistan. He has experience of performing roles at various levels from project management, design and commissioning to academic research, highly regarded for his open, honest and ethical approach.

A father of two, Tauqeer is passionate about attracting talented young professionals to a career in engineering. "There are so many career choices that young people can make these days. What I want to do is bring engineering to life, to inspire a new generation of engineers to discover what a broad, interesting and fulfilling career it is and in meeting the technological challenges of this century will continue to be."

"I should consider it an honour to be appointed as an International Professional Registration Advisor (IPRA) for the IET since last six years, as I would take the increased opportunity to further the professionalization of engineers, technologist and technicians across the Pakistan. Sitting on the IET Membership and Professional affairs of Islamabad local network as chairman has helped inspire my thinking, and I support 'working to engineer a better world'."

Being a well experienced senior professional Engineer, an active volunteer and a long-term user of a wide range of IET services and support makes Tauqeer an excellent candidate to be representative of the "ordinary membership of CC-EMEA". If elected he would be committed to performing his duties professionally and competently.

**ELECTION TO THE COMMUNITIES COMMITTEE - UNITED KINGDOM 2017 -  
ORDINARY MEMBERS**

**TABOR, David.** BSc Eurlng CEng MIET



Age 58. M 1990  
Regional Validation Manager, Global Computer Validation, GlaxoSmithKline plc, London, United Kingdom  
Nominated by Davy Thielens, Xenophon Christodoulou, Dimitrios Loumanis, David Chong, Terry Robson.

"As a manager for Computerised Systems Validation (CSV) with the global pharmaceutical company GSK, I apply my BSc degree in Electrical and Electronic Engineering combined with extensive professional experience. My particular strengths are industrial software development, validation and quality assurance, project and full departmental management, within strict quality and regulatory frameworks. I now have a skill set comprising good communication, leadership and the ability to grasp and drive challenge; with these, I can successfully support and coordinate my CSV colleagues at our manufacturing sites.

In my personal time, I volunteer for the IET. Currently, I am vice-chairman of the Central London area committee and ex-Secretary of the London LN. I have hands-on experience of LN administration and governance and can identify potential areas of improvement, including the liaison between LN volunteers and IET support staff.

I have organised large, prestigious lectures; recently the Christmas Event, "Virtual Reality - True Fantasy?", attracted over 300 people, comprising IET Members, IMechE Members and many young, non-members, all covering a very wide range of age and technological knowledge.

I became familiar with the CC-UK during the CVC conference in 2015 and their National Roadshows. These were great opportunities to network with other UK LN's, CC-UK and IET staff, sharing our experiences and knowledge and clearly showing how, through cooperation, we can grow in confidence and expertise to meet our strategic goals.

I now wish to combine my professional and LN experience to strengthen the CC-UK with the aims of helping and inspiring the Local Networks to grow their membership and volunteer base.

By gathering good-practice examples from within our community, and then by sharing optimised processes, generic tools and templates throughout, I'd encourage consistency and improved efficiency. This would enable new LN committee members to be effective quickly with reduced effort."

**POOLE, Maurice.** DipEE MBA CEng MIET



S 1968, AM 1970, M 1994  
Retired former Head of Electrical Engineering and Head of Engineering Development, British Energy, Hinkley Point Power Station, Bridgwater, United Kingdom  
Nominated by Peter Shiret, Dominic Harborne, Richard Watkins, Dominic Taylor, Paul Miseldine.

Maurice has served on IEE/IET committees for many years, mainly Centre/Branch/Local Network ones but also a Professional Group in a former structure (PGs being forerunners of today's TPNs) and Council and other Headquarters committees, and can bring "grass roots" experience and knowledge to the current overarching work of a Communities Committee.

To communicate ideas and decisions to local members and elicit their views to inform CC-UK work would be an aim as implementation of part of his recommendations, accepted by Council, from the Working Party Maurice chaired 2015-16. It would therefore be a logical extension of both his Local Network and Council activities.

## ELECTION TO THE YOUNG PROFESSIONAL COMMUNITIES COMMITTEE 2017 - ORDINARY MEMBERS (UNDER 30)

### WINDER, Christopher.



Age 22. A 2014  
Apprentice Engineering Technician, BAE Systems, Rochester, United Kingdom  
Nominated by Reagan Ely, Rituparna Chowdhury, Laura Barrabia Gil, Brian Dury, Philip Moffitt.

"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. It was shortly thereafter in February 2015 that I joined the Kent Local Network as the Young Professional Liaison where I took on the task of building an YP community.

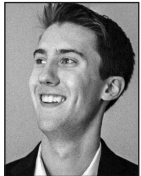
During my time in this role I came across many problems that hindered my attempts, with many being unsolvable at the local level. Having the opportunity to attend the Global CVC I took these issues and discussed them with IET Staff, fellow volunteers and YPCC members. As a result I was asked to join the Young Professionals Communities Committee as a 1 year co-opted apprentice representative to provide the apprentice viewpoint on wider issues, as well as to work on the issues I found at the local level.

Although I am fortunate to have the year coming on the YPCC, I would like to remain after October so that I can continue to provide fresh perspective from an easily overlooked section of the IET; apprentices.

If I am successful in my nomination I wish to:

- Form strong links between the local networks and the YPCC to be able to better support the start-up and growth of YP groups, who are the future of the IET.
- Improve the general attraction and retention of YPs to the IET.
- Bring attention to, as well as learn from the success stories within the YP community of the IET."

### GOING, Ryan.



Age 24. S 2012, A 2014  
Project Engineer, Bird Construction, Calgary, Canada  
Nominated by Julian Harvey, Macauley Kenney, Matthew Jelavic, Richard Tregaskes, Sean Ocho.

Ryan Going is a passionate IET member and engineer from Canada, and has served on the Communities Committee - Americas (CC-A) since 2014. In this capacity, he has guided the IET's strategy and implementation for resource allocation, membership growth, and brand awareness across Canada, the USA, and the Caribbean.

Ryan has fostered YP engagement in the Americas and recruited new members to the organization through events such as Present Around The World. Before joining CC-A, he was an active student volunteer and successfully expanded PATW to the cities of Vancouver, Edmonton, and Calgary.

Ryan holds a BSc in Mechanical Engineering from the University of Alberta and works in the construction industry, serving the industrial, commercial, and institutional sectors. His site-based project management experience has given him a deep understanding of how engineering solutions are implemented in the real world. Ryan thrives in a team setting and loves tackling tough, ambiguous problems under pressure. He previously worked at the National Institute for Technology in Edmonton, Canada and is a published researcher.

Ryan's work and studies have taken him to the USA, Germany, and South Africa, giving him the global perspective required for young engineers working in the 21st century. His pragmatic approach to problem solving has found success in academia, the construction industry, and as a volunteer of the IET.

If elected to the YPCC, Ryan aims to achieve the following goals:

1. Increase global YP membership of the IET and overall brand recognition;
2. Increase both the quantity and quality of the IET's contact with existing YP members;
3. Provide mentorship opportunities for YPs by connecting them with mid- and senior- career level engineers in order to promote cross-disciplinary and cross-generational knowledge sharing.

### FREEMAN, Garreth. BEng MIET



Age 26. M 2013  
Senior Engineer, Planning and Design, SP Energy Networks, Liverpool, United Kingdom  
Nominated by Colin Taylor, Jim Sutherland, John Heathman, Martin Hill, Howard Freeman.

"I am a Power Engineer experienced in assets introductions, system design, stakeholder management and sit on number of strategy groups. I have experience in delivering projects in both the UK and Ireland with a desire to serve and promote the IET in a positive light.

From an early age engineering has managed to quench my thirst for knowledge and understanding. Engineering's link between empowering an individual to reach their full potential and national economic growth is becoming increasingly prevalent. In the UK alone, we are set to experience a massive skill shortage of engineers across a range of disciplines. I believe communication about what an engineer actually provides, the benefits and where these shortages lie are at the heart of tackling this issue. My desire to work for the IET stems from a passion to promote our profession and to make sure young professionals' issues will be voiced on an international platform.

I take great pleasure in bringing people with me and developing their strengths, this was most prevalent when I co-founded the 'Chartership Support Group' within my company. This provided a forum for colleagues to develop their portfolio using the IET competency framework. This has been a great success and is set to develop several people to professional chartership over the next 2-3 years. With strong communication skills I am head of my local district's communication strategy where I communicate across various mediums to reach over 170 staff at all levels, on a variety of company directives.

I hope to bring the various skills that I have acquired to this role and give back to my engineering community. The opportunity to inspire, inform and influence a global community of young professional engineers would give me an enormous sense of pride and something to which I will give my all."

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## MITCHELL, James. BEng MIET



Age 27. M 2014

Asset Programming Planner, City of Onkaparinga, South Australia, Australia  
Nominated by Ben Macey, Rob Pitelen, Timothy Wong, Chris Stoker, Morgan Smith.

James Mitchell is an enthusiastic IET volunteer, passionate about engineering collaboration and knowledge sharing. James is an active member across the Australia and New Zealand IET networks and is currently the chairperson of the South Australian Young Professionals. He also has an active role in the Australian and New Zealand Student Recruitment and Retention Campaign and South Australian local network executive committee.

James has worked as a civil engineering consultant before moving into the government sector. He is working in Infrastructure Asset Management, responsible for driving a coordinated approach for capital works programming of infrastructure projects at the City of Onkaparinga.

In the past two years James has led the revitalisation of the Young Professionals in South Australia, growing the committee from just two members to an active committee of 15. He has developed strong relationships with universities and industry through organising events such as professional development workshops, industry presentations and networking nights.

James has also led the implementation of the successful Lifeskills Workshops in SA and founded an OnCampus group in the University of Adelaide.

"Since joining the IET I have gained valuable experience running and growing a YP committee. I have seen firsthand the benefits of volunteering collaboration through the growth of young engineers and committees. I am passionate about seeing young engineers reach their potential and growing the engineering community.

I aspire to bring my skills, experiences and lessons learned from growing an engineering community to the YPCC to further develop our global networks and engage young professionals. If elected I will endeavour to:

- Empower YPs in local networks through support, communication and sharing of knowledge and best practices.
- Raise the profile and awareness the IET within engineering communities.
- Encourage recognition for the achievements of active and effective IET YP volunteers."

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## PRESLEY, Samuel



Age 22. S 2012

Student, University of Southampton, Southampton, United Kingdom  
Nominated by Sachini Yapa, Dominic Maskell, Nathan Ruttley, Mia Jovic, Cheng Chia Loon.

Sam Presley is the current UK Student Representative for the Young Professionals Communities Committee (YPCC) and is working towards improving the IET offering for students, globally. Sam is committed to promoting, strengthening and developing the IET offering to Young Professionals.

Sam will graduate from the University of Southampton, UK in 2017 with an MEng Electronic Engineering degree. He is an advocate for a high level of engagement between students and employers. He has gained almost two years professional engineering experience, with the UK Ministry of Defence and Dyson, where he worked on future connectivity technologies.

Since joining the institution in 2012, Sam has been an active contributor. He was recognised as an IET Diamond Scholar and sits on the IET Diamond Jubilee Scholarships Council, representing the views of scholarship holders nationally. He is currently mentoring younger students to start their own IET On Campus group at the University of Southampton.

Sam Presley founded and currently leads the Code Plus project in Southampton, for which he won an innovator award from the university. Under his leadership, 37 volunteers deliver inspirational programming workshops to 9-11 year old children. This project gained funding from the IET Engineering Education Grants Scheme in 2016. Sam's passion for promoting engineering to children of all backgrounds globally is something he would bring to the YPCC.

If elected, he will seek to do the following:

- Develop means for students and Young Professionals to be supported by the IET in developing their own innovative ideas and launching their own start-ups.
- Increase engagement of students and Young Professionals with IET committees and local networks, enabling them to shape the future of the institution.
- Encourage students and Young Professionals to initiate and lead STEM outreach activities, acting as relatable role models to inspire children to pursue engineering careers.