

# CANDIDATES' ELECTION STATEMENTS

## IET Elections 2022

ELECTION TO THE BOARD OF TRUSTEES 2022 – ORDINARY MEMBER

ELECTION TO COUNCIL 2022 – ORDINARY MEMBER

ELECTION TO THE COMMUNITIES RESOURCING COMMITTEE 2022 –  
ORDINARY MEMBER

Please read carefully before casting your vote.

# Requirements for Trustees

## Skills, Knowledge and Personal Characteristics

- Leadership
- Strategic Thinking
- Decision Making
- Communicating and Influencing
- Representation and Image
- Business Awareness
- Team Working
- Self Management

## Person Specification

Trustees should be able to demonstrate as many as possible of the following skills:

- Understanding and commitment to the Institution and its objectives.
- An understanding and acceptance of the legal duties, responsibilities and liabilities of trusteeship.
- Integrity.
- The ability to make good, independent judgments.
- The ability to develop policy.
- High level strategic thinking and vision.
- Ability to assess performance.
- Ability to think creatively.
- Willingness to speak their mind.
- Ability to work effectively as a member of a team.
- Ability to influence, empower and where necessary lead a team.

Trustees need skills and experience in the following areas:

### Essential

- Strategic leadership of a global organisation.
- Governance and non-executive directorship.
- Serving the public interest.
- Strategic planning, and monitoring and evaluating performance in commercial and non-profit organisations.
- Policy development.
- Financial management.
- Risk management.
- Influencing stakeholders.
- Public relations / communication / marketing.
- Understanding of the international engineering and technology industry.

### Desirable

- Legal.
- Diversity.
- Awareness of young persons issues.

# Requirements for members of Council

As a member of the Council you should have:

- an understanding and commitment to the IET and its objectives
- an understanding and acceptance of the duties and responsibilities of Council membership and volunteers generally
- integrity
- the ability to make good, independent judgements
- strategic thinking and vision
- the ability to think creatively
- a willingness to speak their mind
- the ability to work effectively as a member of a team and to accept consensus decisions and act upon them.

Council as an entity needs skills and experience in the following areas:

### General

- Governance (charity)
- Serving the public interest
- Understanding of the breadth of the international engineering and technology profession.

### Specialist

- Diversity and inclusion
- Communications
- Representation within a membership body.

### Desirable

- Understanding of risk management and monitoring governance.

# Requirements for members of the Communities Resourcing Committee

Each committee member should be able to demonstrate as many as possible of the following skills:

- Understanding and commitment to the IET and its objectives
- An understanding and acceptance of the legal duties, responsibilities and liabilities of board member
- Integrity
- The ability to make good, independent judgments
- The ability to develop policy
- High-level strategic thinking and vision
- Ability to assess performance
- Ability to think creatively
- Willingness to speak their mind
- Ability to work effectively as a member of a team
- Ability to influence, empower and where necessary lead a team
- Experience in one or more of the sectors of interest to the IET.

The Communities Resourcing Committee as an entity needs skills and experience in the following areas:

## Essential

- Strategic leadership of a global organisation
- Governance and non-executive directorship
- Serving the public interest

- Strategic planning, and monitoring and evaluating performance in commercial and non-profit organisations
- Policy development
- Financial management
- Risk management
- Influencing stakeholders
- Public relations / communication / marketing
- Understanding the international engineering and technology industry.

## Specialist

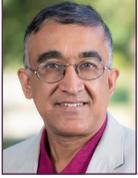
- Operations experience in a sales and marketing environment at the corporate level
- Working experience in more than one region of interest to the IET
- Good connection in one or two non-UK territories of interest to the IET
- Experience with an international community of people and organisations
- A highly regarded professional stature and credibility
- Good understanding of current IET products and service, and the Institution's operation.

## Desirable

- Legal
- Diversity
- Awareness of young persons issues.

## ELECTION TO THE BOARD OF TRUSTEES 2022 – ORDINARY MEMBER

### **NAG, Ronjon.** BSc MS PhD CEng FIET



S 1982, AM 1984, M 2002, F 2014

Fellow, Stanford University, Stanford, California, USA; President, R42 Group, Palo Alto, California, USA

Nominated by Sonia Travaglini, Richard Prager, Michael Short, Ray Boucher, Andrew Smerdon, Peter Gardner, Peter Bannister, Peter Brooks, Rami Qahwaji, Allan Casey

Ronjon Nag teaches courses in AI and venture capital at Stanford University. Additionally, he is founder of R42 Group, a venture capital firm and Institute. He has been a founder and advisor of start-ups sold to Apple, BlackBerry, and Motorola and part owner of some 70 technology companies. Awarded the IET Mountbatten Medal, and the \$1m Verizon Powerful Answers Award as Chairman of Bounce Imaging, he also received the 2021 IEEE-SCV Outstanding Engineer Award and the 2021 IEEE-USA Entrepreneur Achievement Award for Leadership in Entrepreneurial Spirit.

Ronjon pioneered text prediction, voice and handwriting recognition, including Chinese, for mobile devices. In 1999, he invented the first mobile app stores, deploying at Orange, Vodafone, SprintNextel, AT&T, Airtel, Telstra and many others, resulting in billions of downloads and presaging an industry employing millions of engineers.

Active in the IET, he gave the 2020 AI in Healthcare lecture series, created the IET Introduction to AI Online Course, and served on the Knowledge Services and Solutions Board.

"IET crosses borders, corporations and disciplines. We may change jobs, fields or countries: IET can help traverse these transitions. As a Trustee I would oversee the IET to:

1. Enhance entrepreneurial career options for members:
  - provide platforms to link venture capital to ideas;
  - enable experienced members mentor younger engineers;
2. Enhance international activities
  - increase presence in large engineering populations – USA, India and China;
  - international opportunities such as job, sabbatical, and internship listings;
  - bridge cultures, skill sets and accreditations across countries.
3. Democratize science to solve large problems, ethically whilst ensuring quality and a sustainable ecosystem
  - affordable open publishing;
  - investigate ecosystem monetization of publications for both the IET, authors and reviewers, akin to the mobile app store model;
  - standardized toolkits and databases to allow audit of claims and AI systems."

### **FENG, Anni.** MEng CEng MIET



S 2008, A 2012, M 2012

Senior Engineer, Arup, London, United Kingdom

Nominated by the Board of Trustees

"I am a Chartered Engineer at Arup's Advanced Digital Engineering Group. My background is in Computer and Communication Systems Engineering. As a Sector Lead, I am responsible for developing the group's capability in healthcare. I also mentor colleagues through their professional registration journeys.

As a passionate advocate of embedding Equality, Diversity and Inclusion (EDI) into everything we do, I lead my group's EDI Champions Network to create an environment where everyone can flourish.

I joined the IET as a Student member and have been a volunteer since 2013. First as a Social Media Officer for the Central London Local Network and then as a Young Professional member of the Lecture Committee (now the EngTalk Committee). When I took a long-term work assignment in Canada, I volunteered as a Treasurer for the Toronto Local Network. Currently I am a member of the EngTalk Committee, Council and the Volunteer Engagement Board (VEB).

Since joining Council, I have been immersing myself in this tremendous opportunity to learn and to contribute. I was the Deputy Chair of Council and a part of the Council Agenda Team. For the 2021/2022 session, I chair the Council Monitoring Governance Working Party and represent Council in the Bye-law Review Working Party. I am also the VEB representative in the Communities Resourcing Committee's Future Governance Working Group.

It is an honour to be nominated by the Board of Trustees to stand in this election. If elected, I would like to continue to raise the profile of volunteering; to engage with members and non-members to ensure the IET can add value and be relevant at different stages of individuals' professional lives; and to encourage greater involvement of our diverse membership (including Students, Young Professionals and technicians) in shaping the direction and strategy of the IET."

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## HO, Justina. BMath MSc LLB MIET



M 2003

Director, Talent Wealth Group Limited, Hong Kong SAR; Hong Kong Convenor, Bay Area International Industry Development Promotion Association of China, Hong Kong SAR

Nominated by the Board of Trustees

Justina Ho is a Systems Engineer working as the Director of Talent Wealth Group Limited. After she finished her duty as the Executive Director of Institute of Big Data Governance, she has been appointed as the Hong Kong Convenor for Bay Area International Industry Development Promotion Association of China.

She had been the STEM Programme Coordinator for IET Hong Kong, localizing 20 years of IET STEM works and researches for Hong Kong and establishing local STEM programmes, such as HK STEM Task Force, HK STEM Ambassador Programme, and STEM 4 Girls Programme. She was also a Research Fellow of the Lingnan University STEAM Education and Research Centre.

A strong preacher of ED&I, Justina helped the IET Young Woman Engineer of the Year Award to launch in Hong Kong for the first time in 2019, celebrating accomplished local young women engineers and encouraging them to become role models for young girls with talents in STEM subjects.

Having been an active IET Volunteer in both HK LN and the Council for years, it has become her mission to help IET to reach out to different regions and culture, and to address local concerns with IET's global visions. Currently an IET Council member and the Immediate

Past Chair for the IET HK LN, Justina has brought global voices and visions to the Council. Moreover, she has the privilege to work with different teams on globalization issues for IET. If elected to the Board of Trustees, she wishes to spread IET's messages to different parts of the world.

For the Hong Kong industry, she is in the Cyberport Entrepreneurship Centre Advisory Group and the Industry Training Advisory Committee of Hong Kong Government Qualifications Framework. Moreover, she has received the Hong Kong Elite Professional Ladies 2017 Award in recognition of her works for the industry.

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## **ANSARI, Imran Shafique.** BSc(Eng) MSc(Eng) PhD MIET



Age: 35. S 2007, A 2010, S 2011, A 2014, M 2018

Lecturer (Assistant Professor), James Watt School of Engineering, University of Glasgow, Glasgow, United Kingdom

Nominated by Ian "Dave" Davis, David McQuiggan, Ebrahim Mattar, Sam Presley, Janice Man, Joe Dunn, Hisham Rojoa, Robert Edmunds, Suresh Vishwakarma, Tang Shi Siong

"I am an academic staff member at University of Glasgow. I have been an active UK and international IET volunteer for the past 15 years. At work, I coordinate/instruct courses on wireless and satellite communications, engineering project management and finance. Moreover, I supervise Postdocs and PhDs, and work collaboratively leading to publications on free-space optical and underwater communications and physical-layer security thereby creating a pathway beyond 5G cellular communications.

Continually growing with IET, I have experience from being member on Volunteer Engagement Board in Council, pioneering two Young Professional (YP) sections including student On Campus groups, being actively involved in IET Local Networks, organising and judging regional IET Present Around The World competitions, finance lead of Communities Committee – Europe, Middle-East, and Africa (CC-EMEA), contributing to IET Member News steering committee, sharing technical expertise in IET Satellites Technical Network, chairing the IET's international Young Professionals Community Committee (now YPC), and judging E&T Innovation Awards.

During my two complete terms in CC-EMEA the highlight of my volunteering revolved around YPs and co-organising Robotics Competitions. Likewise, my executive time chairing YPC focused on solidifying foundations of YPs globally via revamping projects on various services for YPs across IET, evolving YPC and its structure within IET governance, and establishing a seamless interface between YPs and regional CCs.

I am very enthusiastic about the future of the IET. If elected, I will:

- Strongly contribute towards reviewing IET's strategic and corporate plans in the interests of IET members.
- Strive to establish a seamless link between academic research and their industrial counterpart(s) thereby allowing for focused approach towards real-life problems leading to quality innovation for a better and digitally undivided humanity.
- Sincerely participate in monitoring the governance of the IET while employing appropriate review methodology for seeking clarification on issues raised and guaranteeing a continually improving culture."

## ELECTION TO COUNCIL 2022 – ORDINARY MEMBER

### MATHOBELA, Senamiso. MSc CEng MIET



M 2011

Delivery Manager, National Grid, Warwick, United Kingdom  
Nominated by the Board of Trustees

"It is an honour to be nominated by the Board of Trustees to stand for election as a member of Council. I am a Chartered Engineer with 17 years' experience working in the Electricity industry. I am passionate about Inclusion and Diversity and dedicated to working as a role model for women in Engineering. I am also committed to sustainability and efforts to reduce our impact on the environment. I hope to use my position and experience to work with the IET Board members to advance the climate change agenda and see the net zero ambition come to life, as well as increase diversity within the engineering field.

I currently work as a Delivery Manager in the electricity Transmission National Control Centre (TNCC) managing teams that ensure efficient and sustainable operation of the power system and prompt response to faults to keep the lights on. In 2016, I became the first woman in National Grid to be authorised as a Control Engineer at the TNCC and used that platform to work with Women's Engineering Society (WES) and the Women's Network within National Grid as a role model to promote engineering amongst women and girls. In 2019, I was selected as one of WES' Top 50 Women in Engineering in the UK for my work with women, as well as leading in the development of new transmission infrastructure projects which are part of National Grid's drive to net zero in 2050. The professionalism and diversity of engineering fields represented within the IET community inspires me, and if elected I will use my volunteering experience to advocate for engineering in all its diversity amongst women and young people."

### SPYROU, Alkis. CEng MIET



Age 41. S 2001, M 2005

Business Development Manager, aQuiver Capital, Nicosia, Cyprus  
Nominated by Ali Hessami, David Hogan, Xen Christodoulou, Savvas Savvides, Colin Davis, Ian Phillips, Jon Ratcliff, Michele Fiorini, David Evans, Muthamizhchelvan Chellamuthu

"Currently entering my 21st year as an IET (& IEE) member, I have been through the ranks of the Institution, always trying to add value, support current and empower future engineers.

During these years, I have accumulated knowledge and skills that allow me to support and help fellow IET volunteers and members, now as an IPRA, PRI, assessor and mentor. I am confident that I am in a position to leverage my know-how and experience for the future development of the Council and subsequently the IET.

My expertise at the international community coupled with my knowledge at the UK level as a previous Council and Volunteer Engagement Board member, would be greatly utilised in addressing the changes that have been taking place; hoping to improve the IET.

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

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

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## **LI, Tung Yat Olaf.** BEng LLB MIET



Age: 30. S 2013, A 2014, M 2014

Senior Product Engineer, JF Thermal System Limited, Hong Kong SAR

Nominated by Justina C Y Ho, Heather W Y Lam, T F Lee, Mark K Y Tsang, Henry T L Chan, Peter S F Suen, Johnny L W Sze, Karen H Y Chung, Kevin H C Tang, Tommy H Y Cheung

Graduated with BEng (Hons) in Product Engineering with Marketing from the Hong Kong Polytechnic University, Olaf currently works as a Senior Product Engineer at JF Thermal. His responsibilities include product management, new product development for electric heating systems and control, and project management for the application of comfort heating systems in new constructions.

Since university, Olaf has been actively volunteering for the IET Hong Kong LN for over 10 years. He was Chair of Students Section (Hong Kong) in 2014, OC Chair of Young Professionals Exhibition & Competition and PATW Local Round in 2016 (when he was also appointed as YP Ambassador by YPCC), Chair of Younger Members Section in 2021, and in various roles the other years. Striving to be a constructive contributor in the institution, Olaf upholds his strong belief in innovation and sustainable governance in every role he served. For instance, in 2017, he founded the IET Hong Kong Young Professionals Programme, an elite programme for nurturing fresh engineers into future leaders and IET volunteers, which is now run by YPP alumni yearly. While leading YMS in 2021, he directed the establishment of Young Engineers Social Service Team, three new On-Campus Groups, an expanded and sustainable CPD Team, etc.

Outside of the IET, Olaf also worked with the CIPHE Hong Kong Branch to establish the Plumbing and Heating Engineering Symposium in 2018, and led the coordination of this well-received multi-industry event for engineers, architects, and developers. For postgraduate studies, Olaf obtained his LLB from Manchester Metropolitan University in 2018. His knowledge in English law, especially the charity laws, has been helpful for his understanding and implementation of IET policies in his roles.

“If elected, I’d spare no effort in working with other Council members to support our sustainable governance and growth, by innovating ideas and integrating perspectives.”

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## **OBIRI-BONNEY, Ben.** BEng MSc CEng MIET



A 2013, M 2013

Planning and Performance Manager, National Grid Electricity Transmission, Warwick, United Kingdom

Nominated by the Board of Trustees

"I am a Chartered Electrical Engineer and a veteran of the British Armed Forces with 15 years of experience in electrical and telecommunication engineering across Europe and Africa. It's a privilege and honour to be nominated by the Board of Trustees to serve as an Ordinary Member of the Council.

I have been a member of the IET since 2013 and I've been working with National Grid Electricity Transmission as a Substation Asset Lifecycle Engineer. My speciality is in Electrical Power Systems and Asset Management.

I have enormous passion for introducing engineering and have been contributing positively to the promotion of engineering by undertaking various voluntary events such as the Robot Day with the Coventry and Warwickshire Local Network and supporting the prestigious IET accredited National Grid Apprenticeship Schemes.

Within my workplace, I chair the Professional Registration Group (PRG) who are responsible for facilitating greater communication, collaboration and support for Professional Registration and promoting the on-going corporate partnership between the IET and National Grid.

When elected as a member of the Council, I will focus on:

- Promoting and supporting STEM activities within our schools.
- Promoting engineering as a career for women who're heavily underrepresented in the engineering industry.
- Fostering closer collaboration between the IET and the engineering industry to ensure greater focus on the development and delivery of quality and accredited apprenticeship schemes for young people.
- Promoting the uptake of engineering as the preferred choice of career to children from disadvantaged backgrounds.

As a Professional Registration Advisor (PRA) with the IET, it is my personal objective to increase the number of professionally registered engineers with the IET by providing professional registration advice for my colleague engineers and scientists who aspire to be professionally registered with the IET."

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**SENANAYAKE, Lakmal.** MPhil MSc MCGI GCGI IntPE CEng CITP CMgr FBCCS  
FIET MCMi MIPENZ IEng MIESL



AM 2001, M2003, F2014

Assistant General Manager, IT Systems Architecture, National Savings Bank Sri Lanka, Colombo, Sri Lanka

Nominated by Peter Smith, Kevin O'Riordan, Ken C N Cheung, Jimmy Fam Deng Fong, Elaine M Clafferty, Eric Jones, Chris Lambell, Lalith Liyanage, Anuradha Jayakody, Ananda Handunge

"I possess an immaculate track record in the government, private and international arenas, with 25 years of experience in Systems Architecture, Digital Forensic & Technology. I believe my background can make a strong contribution to the IET. I enjoy knowing that my work provides mission-critical support to banking systems, holding a corporate leadership role, serving a client base of 1.5 million through 4000 service points.

My journey with the IET began as an Associate Member in 2001 and I have volunteered for the last 10 years in various roles as follows:

- Professional Review Interviewer (CEng level)
- Assessor for Computer, Software, ICT, Electronic, Controller and Semiconductor (CEng level)

- Assessor for IET Fellow level
- Advisor for Continuing Professional Development
- International Professional Registration Advisor
- Industrial Accreditor
- Committee member of the IET New Zealand (Wellington & South Island) and Sri Lanka

I feel privileged to have been able to help promote the Engineering profession to approximately 1,000 engineers through sessions I have carried out over the past 10 years during which I have addressed large audiences on the importance of professional qualifications. I have also helped uphold membership standards and encouraged members to advance their careers through professional registration. I aim to revive enthusiasm and hope in professionals, young and old, to thrive in a post pandemic era as resilient individuals through the professionalism and strength of the IET.

I would relish the opportunity of becoming a Council member of the society. I believe I could use my breath of experience to influence and support the future direction of the IET and encourage professionals, from diverse backgrounds, to join the society and help solidify the professionalism of engineering. I believe I have lots to give to the society and its community of practice. It would be an honour to serve on the Council."

**JONES, Susan.** MEng CEng FIET CQP MCQI MWES



M 2011, F 2020

Senior Quality Systems Specialist, Tata Steel UK, Port Talbot, United Kingdom  
Nominated by the Board of Trustees

"I remain amazed at the vast array of ways in which engineers improve our world, so in my volunteer activities I work to inspire people of all ages to realise that with engineering they too could make a difference.

I am an IET Fellow, Chartered Engineer, CQI Chartered Quality Professional and member of the Women's Engineering Society (WES). My international career spans aerospace, automotive and steel industries, helping to turn companies around through continual improvement and change management.

Throughout my career I have volunteered, coached, and mentored in STEM and industry. In recent years this included volunteering on committee and in leadership roles with the IET Wales South West Local Network and the IET Manufacturing Technical Network. With supportive committees I ran events to showcase the breadth and diversity of engineering such as Industry 4.0, Present Around The World and the materials science of chocolate amongst other topics.

I am grateful to the support given by my employer to volunteer as a STEM ambassador and other roles such as a member of the Welsh Government board for Equality in STEM, and Chair of its Industry sub-committee. I founded the Tata Steel Women's Network, I am a member of the Discover Materials Advisory Board, and I am an Exemplar Alumni of the The Manufacturer magazine Top 100. I use my platform to bring together interest groups and highlight engineering at schools, visits, industry events and conferences, contributing to radio and other media.

It is important to me that the IET is a broad, welcoming, and supportive Institution and I aim to inspire people to engage with STEM and share the breadth and diversity of engineering both in its topics and its people."

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## TAREREFA, Daniel. BEng MIET



Age 24. S 2020, A 2021, M 2022

Electrical Engineer, Technical Department, NASCO Foods Nigeria Limited, Jos, Nigeria

Nominated by Miitee Menedisi Collins, David Echefulam Echendu, Ofigo Onoriode, Inyeki Gideon Francis, Paul Okim Agbor, Jerry Ebikari Needam, Obiegba Onoriode Jonathan, Oharisi Oke Williams, Akpuhi Oghogho Jewsey, Lakpege Meebari Bright

Daniel has a record of contributing to nation building and development in Nigeria through YP engagement as an active IET volunteer. He is currently serving Nigeria under the National Youth Service Corps Program and assigned a primary assignment to the Technical Department at NASCO Foods Nigeria Limited. Daniel holds a First Class Honours Bachelor's Degree in Electrical/Electronics Engineering from the Niger Delta University.

Daniel is passionate about engineering. He pioneered the establishment of the IET On Campus groups in Nigeria beginning with the Niger Delta University in 2018 and served as pioneer Chair till July 2021. Furthermore, he supported the establishment of six new On Campus groups. He is innovative and collaborative. He established the IET Orientation Event that involves collaborating with Young Professional Ambassadors globally, sharing knowledge and experiences and has involved several countries from Nigeria to UK, Austria, Sri Lanka, Pakistan etc. This led to winning two IET On Campus Most Collaborative Event Award. He also led his team to host the IET@150 Conference and won the Sustainability Award.

Daniel was invited to the IET Nigeria Local Network Committee and appointed to Chair the IET Nigeria Young Professionals. He is constantly increasing the membership of the IET in Nigeria and engaging YPs globally. He has great managerial skills, he supports the setup of new and existing On Campus groups in Nigeria effectively and is constantly promoting the IET, inspiring students and YPs and has become a role model for Young Professionals.

His visions are in line with the vision of the IET which is to inspire, inform and influence the global engineering community. If elected to Council, Daniel plans to contribute to global IET policies, increase volunteer engagement, improve IET membership services and inspire Young Professionals who are the future of the IET.

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## DOWNTON, Andy. BSc PhD CEng FIET



AM 1975, M 1983, F 1999

Emeritus Professor, De Montfort University, Leicester, United Kingdom

Nominated by the Board of Trustees

"I am delighted to be nominated by the Board of Trustees to stand for election, and would welcome the opportunity to contribute my experience from senior academic management and engineering accreditation to the important role that IET has as the largest Professional Engineering Institution in the Engineering Council. I have been involved with the IET since I was a Younger Member, and have contributed to many IET activities for nearly 50 years, including local activities, professional groups, academic accreditation and scholarships. Now that I am retired, I have more time to contribute to IET accreditation and scholarship policy and service development as part of my volunteer commitment, and it is particularly satisfying to be able to put my experience to good use benefitting development of the next generation of engineers."

Andy Downton retired from full-time academia in 2014 after 38 years at Southampton, Essex and De Montfort Universities. He was a Professor of Computer Engineering and Head of Department of Electronic Systems Engineering at Essex from 1999-2004, and Pro-Vice Chancellor Teaching and Learning at Essex and then De Montfort Universities from 2005-2014. Since retiring, he has continued to work as an external examiner in the UK and internationally, and as a member of the IET's Academic Accreditation Committee (AAC). He is currently Chair of IET AAC and Vice-Chair of the Engineering Accreditation Board of Engineering Council, and is also an active member of IET's Academic Scholarships Committee.

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## TAN, Weeser. BSc MSc CEng MIET



Age 34. S 2012, M 2012  
Consultant Engineer, FM Global, Singapore  
Nominated by the Board of Trustees

Weeser started working as an electrical engineer in power stations in Malaysia and Singapore. He is currently a Consultant Engineer with FM Global advising and supporting clients in terms of risk engineering and property loss prevention.

Right after graduation, Weeser volunteered for IET Malaysia's Young Professionals (YP) Section in 2010 and was elected as Chair in 2012-14. He led a team of active and committed volunteers and Student members. Weeser supported the formation of new On Campus groups and travelled up and down the country organizing events. Weeser believes the biggest differentiator and competitive edge the IET has is the global network of volunteers. He enjoys engaging, learning and working with volunteers and staffs from around the world.

In 2013-16, Weeser was YP Representative for Communities Committee – Asia Pacific (CC-AP) and was part of the organizing committee of numerous regional IET events, including Communities Volunteer Conference (CVC), President's Address and several Present Around the World (PATW) regional finals. One of the highlights was the successful organization of PATW regional finals at Tsinghua University in Beijing, China with his team from Malaysia's YP Section in 2016. Weeser became Chair of the IET Young Professionals Community Committee (YPCC) in 2017 where he worked with Young Professionals, technicians and students. With the support of IET staff, the team successfully organized YP-CVC in Singapore in 2018, involving more than 50 YPs, Students and technicians from around the world.

In 2019, Weeser received the Paul Fletcher Award for his involvement and volunteer work with the IET. Weeser has been extremely fortunate to learn and receive guidance from his mentors/seniors from the IET. He believes in giving back to society and paying the good deeds forward. He hopes to continue inspiring, influencing and developing people.

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## LEE, King On. MIET SMIEEE



Age 56. M 1997  
Senior Product Manufacturing Specialist, Mitel Networks, Ottawa, Canada  
Nominated by David Mann, Graeme Allan, Bhagvat Joshi, Stephen Shaw, Pat Doherty, John Vines, Hudson Egbert, Frank Johnson, Robert Tolley, Stan Xanier

King was educated in Hong Kong, where he received a Graduateship Diploma in Engineering from the City and Guilds of London Institute. Now residing in Canada, King has over 30 years of work experience in the manufacturing industry where he currently serves as a Senior Product Manufacturing Specialist at Mitel Networks. Prior to Mitel, he has held a number of project and manufacturing engineering roles and global positions throughout his career.

King is an active member of IET and currently serves as Treasurer for the IET Ottawa Local Network. Previously, he was the Chair of the Financial Sub-Committee of American Communities Committees. In addition, he is currently an executive member of OACETT Ottawa Chapter, past Chair, and past Council member of Eastern Ontario Region. King is passionate about the engineering community and IET – as a volunteer, he enjoys building relationships and supporting others through organizing events for engineering organizations, coordinating CPD technical talks, and providing advice to peers among other activities.

Given the opportunity, King would bring his passion and commitment to the Council position with the goal of expanding the IET network in North America and increasing awareness to the IET brand.

## ELECTION TO THE COMMUNITIES RESOURCING COMMITTEE 2022 – ORDINARY MEMBER

### **VISHWAKARMA, Suresh.** MBA PhD PEng CEng MIET



Age 54. M 2003

Senior Engineer, ZE Power Engineering, Vancouver, Canada; Adjunct Professor, University of Trinidad and Tobago, San Fernando, Trinidad and Tobago

Nominated by Carol Marsh, Ejay Nsugbe, Imran Shafique Ansari, Mariusz Baginski, William G King

Suresh holds a degree in electrical engineering, MBA, PhD (power management), and post-doctorate in energy conservation. He has held senior engineering and managerial positions in public utility companies since 1988. He is currently Senior Engineer for a consulting company providing engineering services to BC Hydro. He is also an Adjunct Professor at Department of Utilities Engineering of University of Trinidad and Tobago. He has authored 35 conference papers in America, Canada, UK, and many other countries. He has also authored and co-authored many research papers published in leading journals.

Suresh is an IPRA and an active member of Western Canada LN since 2012. He is the current Chair of Western Canada LN, Past CCA member, and IET Representative for Western Canada. He is on IET's Built Environment Panel. Suresh helps in organizing technical presentations every month and other activities. Suresh has organized IET's seminars in Vancouver on Corporate Social Responsibility in 2018 and on Artificial Intelligence in 2020. He is planning to organize IET's 150 anniversary event in 2022.

Suresh mentors Chartered Engineer and Professional Engineer aspirants in Western Canada. He organizes IET's PATW and IMechE's SOFe competitions in Vancouver. He had organized 2019 SOFe Regional final in Vancouver. He was invited to IET Americas' CVC 2017 and CVC 2019.

"After working for 33 years in Canada, Seychelles, and India, I have gained a valuable insight of IET's activities in different cultural environment. I see a huge potential for IET to collaborate with industries and academia to promote its technical and community activities especially in regions with low members density. If elected to CRC, I will work closely with all networks to significantly contribute to IET's visibility globally. I will support communities' activities and strengthen communication across LNs. I will remain committed to one-team working with integrity, excellence, and teamwork."

### **JOSHI, Bhagvat.** BSc MBA MIET SMIEEE



S 1978 M 1982

Telecommunications Policy, Government of Canada (CRTC), Gatineau, Quebec, Canada

Nominated by David Hogan, Anni Feng, David Mann, Stephen Shaw, Mike McKean

Bhagvat has volunteered with the IET for over two decades in various roles including Member of Council (ends 2022), Deputy Chair IoT Technical Network (TN) and Committee Member IET Ottawa Local Network. Previously he served as Deputy Chair Communities Committee

Americas (CC-A) which included working closely with the CRC, Chair of the Council Strategy Working Group and Treasurer for IET Ottawa LN. Bhagvat is also on the executive committee of the IEEE Ottawa Section and volunteers with IEEE Humanitarian Activities where he contributed to the development of nomadic rapid deployment wireless communications systems to support medical and other workers in disaster zones. This included working with the Canadian Red Cross and Médecins Sans Frontières.

If elected, Bhagvat would bring his global experience and expertise gained from being a member of the CC-A, committee member of IET and IEEE Ottawa networks to the CRC. This includes: value propositions that are relevant to IET's Global Strategy; mutual recognition of professional registration including working with other Professional Engineering Institutions (PEIs) at various levels of government; Continuing Professional Development (CPD) and training. Through his work in the CC-A and Ottawa LN Bhagvat has direct experience with working with other PEIs.

Bhagvat's professional work includes bringing his expertise in networks and technology to inform telecommunications policy. This involves working with multi-disciplinary teams of technical and non-technical staff and explaining the policy decisions to multiple stakeholders at the executive and senior level who usually have conflicting goals based on their roles.

Bhagvat has a Degree in Electronics and Systems Engineering from Loughborough University UK and MBA from University of Ottawa. Bhagvat has lived and worked in the UK, USA and Canada.

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## **RATCLIFF, Jon.** BEng MSc CEng MIET CMgr MCM1



S 2000, A 2004, M 2004

Managing Enterprise Architect, Virgin Media O2, Reading, United Kingdom  
Nominated by Mike Short, Barry Brooks, Tom Hlaing, Alkis Spyrou, Preetam Heeramun

Jon has over 15 years volunteering experience, both in Local Network and central IET volunteering roles. He can bring his strategic thinking, experience and knowledge to benefit the IET Communities Resourcing Committee.

Jon gained a BEng in Electronic and Electrical Engineering and a MSc in Advanced Digital Systems. He is a Chartered Engineer and a Chartered Manager. Jon is a believer in life-long learning and feels that the IET fully supports this. He started his career working for Orange and is currently a Managing Enterprise Architect within Virgin Media O2, where he sets the strategic direction for data and automation technology.

Jon started volunteering for the IET at Local Network level in the Bristol Young Professionals Section. Over the past few years he has held central volunteering roles including; the IET Young Professionals Chair, Member of the IET Volunteer Engagement Board and he is currently a Professional Registration Interviewer.

“The IET plays an important role in bringing together Engineers and Technicians from all industries and sectors from across the world. I have regarded my past volunteering experience within our Institution as a privilege and if elected I would be looking to help set the future strategy and direction of the Communities Resourcing Committee going forwards. I would also look to see how closer links can be made with Local and Technical Networks to help benefit more members and the wider engineering community.”

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## ISMAIL, Syuhaida. BEng MEng PhD CEng MIET



Age 41. M 2016

Associate Professor, Universiti Teknologi Malaysia, Kuala Lumpur, Malaysia

Nominated by Amir Farid Abdul Majid, David Chuah Jon Huang, Nurul Aini Bani, Indiran Nadarajan, Jimmy Fam Deng Fong

Being the member of the IET since 2014, Assoc Prof Dr Syuhaida Ismail has been actively serving the IET Malaysia Local Network (LN) as a committee member before recently elected as the Honorary Secretary of the LN (2021-2023).

As an industry-experienced academician, she has significantly inspired the global community as a speaker at conferences and published more than 300 technical papers/articles/books on Sustainable Cities and Construction, Project Management, Construction Management and recently on the COVID-19 crisis in the built environment. She has received more than 80 research grants locally and internationally that propose scientific solutions to the engineering problems to meet the needs of society, where her research innovations are commercialised into 112 Intellectual Property Rights (IPR) and have won more than 60 research/professional awards.

Her passion on the STEM education through various IET Malaysia LN STEM programmes at the national level led to her election as the IET STEM Ambassador. As a Civil Engineer by profession, her active involvement in the IET has strategically opened a new horizon to the IET membership drive in Malaysia to inspire and influence diverse engineering professionals to be a part of the IEM community as the IET in Malaysia is previously synonymous with the mechanical and electrical (M&E) engineering fraternity. She is the recipient of the Young Engineer Award 2019 by the IET Malaysia LN.