

CANDIDATES' ELECTION STATEMENTS

IET Elections 2023

ELECTION TO THE BOARD OF TRUSTEES 2023 – VICE PRESIDENT

ELECTION TO THE BOARD OF TRUSTEES 2023 – ORDINARY MEMBER

ELECTION TO COUNCIL 2023 – ORDINARY MEMBER

ELECTION TO THE COMMUNITIES RESOURCING COMMITTEE 2023 –
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 2023 – VICE PRESIDENT

HART, Simon. MEng PhD CEng FIET



Age 47. S 1993, AM 1997, M 2002, F 2017

Chief Technology Officer and Director, InnCat Ltd, Welshpool, United Kingdom
Nominated by the Board of Trustees

"As CTO and Director of InnCat, I help companies generate differentiating innovation, making full use of my team building and communication skills, strategic thinking, and engineering knowledge. Technology drives me, with focus on mentoring, education, inclusivity, and supporting the next generation of engineers. An active IET volunteer for over two decades.

I am a Chartered Engineer in the control software and power converter field with over forty patents filed. I was Chair of the IET Control and Automation Technical Network. I help link industry and academia as an Honorary Associate Professor at Nottingham University, an ambassador for engineering and as a Liveryman of the Worshipful Company of Engineers.

I was Chief Technology Innovation Officer at YASA, an Oxford University spin-out, where I founded and grew the electronics business and supported the transition to Mercedes Benz ownership. Top three Technology Leaders in Wales 2021. At Control Techniques for 15 years with international teams and on the IET Global Operations Board.

Drawing on my industry experience while IET Trustee and IET Benevolent Fund Chair, I supported strategic planning, evaluating performance, and developing governance. With Audit Committee I helped introduce risk management and served as Chair of the UKCC Finance Committee.

I am committed to supporting the membership, having been one since university. On the Membership Board, as Young Professional Champion Trustee and as Chair/Events/SLO with my Local Network (Shropshire).

It is an honour to be nominated by the Board of Trustees. If elected, I would help the staff and volunteers raise the perceived value of engineering amongst members and non-members, by ensuring that the IET remains relevant to the needs of engineering professionals and society.

I would encourage greater involvement of our diverse membership in shaping the direction of the IET and would prioritise recruitment of students to this profession I love."

NAG, Ronjon. BSc MS PhD CEng FIET



S 1982, AM 1984, M 2002, F 2014

Adjunct Professor, Stanford University, Stanford, California, USA; President, R42 Group, Palo Alto, California, USA

Nominated by Sonia Travaglini, Richard Prager, Michael Short, Ray Boucher, Andrew Smerdon, James Billingham, Peter Bannister, Peter Brooks, Berke Buyukkucak, Graham Cradock

Ronjon Nag teaches AI, Genetics, Ethics, Longevity Science and Venture Capital at Stanford University. He is founder of R42 Group, a venture firm and Institute. He has been a founder and advisor of start-ups sold to Apple, BlackBerry, and Motorola and part owner of 90 technology companies. Awarded the IET Mountbatten Medal, the \$1m Verizon Powerful Answers Award, 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 mobiles. In 1999, he invented the first mobile app stores, deploying worldwide at Orange, Vodafone, SprintNextel, AT&T, Airtel, Tata-Docomo, MobileOne, Telekom Malaysia, Reliance, Telstra and others, presaging an industry employing millions of engineers. As a Professor in Genetics, he brings computer science to biotech.

Active in the IET, he gave the 2020 AI in Healthcare lecture series, attended by thousands, created the IET Introduction to AI Online Course, served on the Knowledge Services and Solutions Board and is currently a Trustee of the IET.

"IET crosses borders, corporations and disciplines. We may change jobs, fields or countries: IET can help traverse these transitions. As a Vice-President I would encourage IET to:

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

DRAKES, David. BSc MSc CEng FIET



M 1996, F 2019

Engineering Consultant, Jaymar Consulting, Arima, Trinidad & Tobago
Nominated by Kit Fai Pun, Cathy-Ann Radix, Sean Ocho, Tagore Ramlal, Immanuel Alexander, Marvin Edwards, Gerald Mendes, Ahmad Mohammed, Colin Chase, Rajesh Ramnath

"I am an IET Fellow and chartered electrical engineer. Early in my working career, I started off as a teacher, before moving to industry. The experience gained from teaching has shaped my engineering career, as I have found a passion for mentoring engineering students and young engineers. I serve on the University of Trinidad and Tobago Academic/Industry Advisory Board – where I provide feedback to the university on curricular development and student performance in industry.

Recently, I also served as a member of a quality assurance panel to the Department of Electrical and Computer Engineering, at the University of the West Indies, St. Augustine, as the university undertook a review of its curriculum.

I was appointed an International Professional Registration Advisor (IPRA) by the IET in September 2020, and in November 2022, I was elected as treasurer of the Trinidad and Tobago Local Network – a network of very dynamic IET volunteers.

If elected to the Board of Trustees, I will use the experience gained while serving at executive level in industry, and work with my colleagues to further enhance the work of the IET, so

that we continue to inspire, inform, and influence the next generation of technicians and engineers.”

AKINOLA, Yewande. MBE HonFREng BEng MSc CEng FIET



Age 38. M 2016, F 2020

Engineer and Innovation Consultant, Ingenious World Ltd, London; Visiting Professor, University of Westminster, London, United Kingdom

Nominated by the Board of Trustees

“It is a huge pleasure to be standing for Vice President of the Institution of Engineering and Technology. It is my hope that I can be part of shaping our Institution for the next 150 years and beyond. The work done till now has been nothing short of inspirational and impactful and now we must continue to serve our membership in a way that helps the engineering and technology professions grow and thrive.

I first became involved with the IET about 10 years ago when I was named the Young Woman Engineer of the Year. It has since been an incredible journey of experiencing, learning, and understanding the inner workings of the Institution. I am excited about the vision. I am excited about the possibilities; I understand the scale of the work that lies ahead and want to be part of it.

I am keen to bring my experience of working in engineering and innovation and my keen interest in an inclusive profession to our strategy for the future. I am a Chartered Engineer, innovator and speaker and my engineering experience includes the design and construction, innovation and manufacture of buildings and systems in the built environment. I have had the great experience of working in different parts of the world including the UK, Africa, the Middle East and East Asia. I have huge interests in the different paths to higher education and work within and across different sectors – working in governance roles in Academia. I am passionate about STEM communication and have also presented Engineering programmes for Television. In the 2020 New Year Honours list, I was awarded an MBE for services to engineering innovation and diversity in STEM and have served as the UK’s Innovation Agency’s Ambassador for Clean Growth and Infrastructure.”

ELECTION TO THE BOARD OF TRUSTEES 2023 – ORDINARY MEMBER

JOSHI, Bhagvat. BSc MBA MIET SMIEEE



S 1978, AM 1982, M 1987

Engineering Manager, Connected Canada Branch, Government of Canada (ISED), Ottawa, Ontario, Canada.

Nominated by David Hogan, David Mann, Kerrine Bryan, K O Lee, Frank Johnson, David Farmer, Robert Tolley, Charles Rubenstein, Allan Casey, John Vines

Bhagvat has volunteered with the IET for over two decades in various roles including: Member of Council (2019-2022, 2013-2016); Member of the Council Agenda Team (CAT) and Chair of the Council Strategy Working Party. He is currently Deputy Chair of the IET IoT TN and IET Ottawa LN Committee Member. Previously he served as Deputy Chair Communities Committee Americas (CC-A), and Treasurer for the IET Ottawa LN. Bhagvat is an IEEE Ottawa Section executive committee (Excom) member and chairs the IEEE Ottawa Consultants Network. He is also active in local networking mentorship and advisory groups in the high-tech sector in Ottawa.

If elected, Bhagvat would bring his IET experience including recent term on Council, serving the public interest, working with multiple stakeholders including other Professional Engineering Institutions (PEI) and the IEEE to the Board of Trustees. This includes: "value propositions" that are relevant to IET's membership outside of the UK; mutual recognition of professional registration including working with other Professional Engineering Institutions (PEI) at various levels of Government.

Bhagvat's experience spans policy development, serving the public interest, influencing stakeholders, financial and project management and international engineering and technology. His professional experience includes serving the public to bring broadband connectivity to remote and rural parts of Canada. This includes working with multiple stakeholders in the public and private sector, often with conflicting agendas.

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.

SINGHAL, Mamta. MBE BEng MSc MBA CEng FIET FWES



Age 42. A 2017, M 2019, F 2021

Senior Manager Sustainability, Diageo Ltd, London, United Kingdom

Nominated by Nike Folanay, Navdeep Rai Mehay, Sophie Harker, Vince Pizzoni, Sadie Peacock, Helen Cumming, Abhaya Sumanasena, Ruth Amos, Naomi Mitchison, Eftychia Kursari

"A Chartered Design Engineer, an IET and WES Fellow. Worked for consumer goods such as Coca-Cola European Partners, Mars Chocolate, Mattel and Hasbro working across their supply chain and technical manufacturing functions. Holding a BEng in Product Design Engineering from the University of Glasgow / Glasgow School of Art and a Masters from Strathclyde University. An established player with over 18 years of International industry and have a deep passion for understanding how products are engineered / manufactured.

My volunteering work spans two-decades, currently on the Board of Trustees for the Women's Engineering Society and Ambassador for Dyslexia Scotland. An IMechE member, joining the IET after winning the YWE-WES prize and since then been involved in a range of events such as Portrait of an Engineer, Engineering Open House and Chaired the YWE awards on several occasions. A spokesperson for the IET for a range of national TV/Press events and awarded an MBE (NYH22) for Services to Engineering.

Over the years I have actively been involved in the policy and planning aspects of the IET, holding posts on the Neurodiversity Committee, Manufacturing Policy Panel, Council and the Volunteer Engagement Board (VEB). Since joining Council / VEB, I have been immersing myself in giving-back to the Institution, the profession and society.

A tri-national (British / American / OCI – India), I believe I have breadth, depth and international reach that will capture the hearts of current and future engineers.

It would be an honour to obtain a post on the Board of Trustees. If elected, I will continue to showcase engineering – push the boundaries in sustainability and proactively support those who are 'different'. Raising the profile of those at all stages of their engineering career – driven by ethics, values and teamwork."

ROGERS, Andy. BEng PGCert CEng FIET



Age 49. S 1993, AM 2006, M 2015, F 2019

Previously Corps Colonel of the Royal Electrical and Mechanical Engineers, British Army, Birmingham, United Kingdom

Nominated by the Board of Trustees

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

Andy has been a Requirements Manager in a procurement project team, as a French speaker he completed the Advanced War College in Paris, he has been the Military Assistant to the Supreme Allied Commander of NATO Operations in Belgium and he has commanded a Battalion of over 460 operational technicians, providing direct engineering advice to the Field Army. He has conducted multiple operational deployments including Bosnia, Kosovo, Iraq and Chad, and in 2018 he assumed the role of the REME Corps Colonel, the professional head of 8000 technical soldiers and engineering officers. Andy has spent the last 12 months in academia, studying global security, stability and prosperity at the Royal College of Defence Studies in London.

Andy originally joined the IEE in 1993 before amalgamation into the IET in 2006. As a proven strategic planner with international experience, he has commanded engineering teams at every level in Army, as well as worked in project teams of Civil Servants to procure new equipment. In his last appointment, as the head of the Army's professional engineering branch, he was responsible for the personal development and career progression of all REME personnel – this included mentoring for appropriate registration with Professional Engineering Institutions.

In 2019, Andy was elected to the IET Council and joined the Membership and Professional Development (MPDB) for 3 years. "If elected to the Board of Trustees, I would seek to improve the opportunities for the IET across Defence and our supporting industries by encouraging our emerging cyber engineering and data analytics communities to call this their home."

GOUDIE, Mark. MEng CEng FIET FIES



S 2011, A 2015, M 2015, F 2020

Distribution System Operation Manager, SP Energy Networks, Glasgow, United Kingdom

Nominated by the Board of Trustees

“As a dedicated IET volunteer for over a decade, the Institution has enabled me to give back to the engineering community, deliver financial hardship bursaries to students and apprentices, and encourage the next generation. If elected, this would allow me to take my volunteering commitment to the next stage.

I am an IET Fellow and Chartered Engineer, who understands membership needs, the commercial workings of the IET and has good working relationships with both IET staff and volunteers. I am committed to the IET’s vision, mission, and values; and already act on them every day in supporting the development of engineers, technicians, students, and apprentices.

I sit on the IET Council, the Knowledge Services and Solutions Board (KSSB), and Future Talent Awards Panel. In these groups, I promote a focus on supporting the next generation, delivering membership value, considering local and international needs, and maintaining the IET’s relevance in the face of changing societal trends. I’m also the former Chair of the Engineering Horizons Bursary, that provided essential financial hardship support for 449 students and apprentices.

I am the Distribution System Operation Manager for SP Energy Networks, who own and operate the electricity distribution and transmission networks that serve over six million people. I’m focused on delivering solutions that will support customers and communities as we decarbonise our society. I’ve held previous senior operations and strategy positions for Atkins, and I’m a Trustee for the Glasgow Science Centre. All these roles have provided legal, commercial, governance, and international experience that complement the Trustee requirements.

As an IET Trustee, I would continue to ensure that the IET delivers value for its members at both a national and local level, continues to support existing and future members that find themselves in need of support, and that the Institution effectively delivers Strategy 2030.”

ELECTION TO COUNCIL 2023 – ORDINARY MEMBER

WASUNDARA, Thilini. BSc(Eng) MIET



Age 29. S 2017, M 2019

Electrical Engineer, Minel Lanka (Pvt) Ltd, Colombo, Sri Lanka
Nominated by the Board of Trustees

Thilini is currently working as an Electrical Engineer in Minel Lanka (Pvt) Ltd which is an engineering consultancy and EPC company in Sri Lanka.

She started her IET volunteer journey from IET On Campus-University of Moratuwa, Sri Lanka in 2015. Then she was elected as vice president and president of on campus group. Right after graduation in 2018, Thilini volunteered for IET Young Professionals Sri Lanka as the assistant secretary and event co-chair of IET Young Woman Engineer Award 2019 organized by IET YP Sri Lanka, which was initially started in 2017 as the first YWE award outside the UK. For the same she volunteered as an organizing committee member.

Becoming YP Sri Lanka secretary and then she was elected as chairperson in 2021, she led a team of active and committed young professional volunteers and student members. Thilini supported the formation of new On Campus groups in Sri Lanka and still she continues her contribution to strengthen the volunteer network in Sri Lanka. IET YP Sri Lanka won IET Core value award for team work in 2021 for organizing the IET YWE 2021 award organized by YP Sri Lanka which the event led by Thilini with the support of her team.

In 2020, she joined IET Young Professionals Committee (YPC) as the appointed member focusing on South Asia. She volunteered for the IET 150 celebration organized by YPC, PresentIn 10 competition as hosting and judging several heats, preparing Train to Train module content and being an active member of the committee.

Further she volunteers as a committee member of IET Projects Control Technical Network.

In 2021, Thilini received the Paul Fletcher Award for her volunteer contribution towards the IET. She gives her commitment towards the IET to inspire, inform and influence the next generation of the engineering community.

FOLAYAN, Nike. MBE HonFREng PhD CEng FIET



M 2017, F 2019

Technical Director, WSP Group plc, London, United Kingdom
Nominated by the Board of Trustees

"I feel very honoured to have been nominated. As an engineer my focus has been to drive excellence in engineering and ensure that our workforce is representative of society. I truly believe that diversity of experiences across society enhances creativity and innovation. As a result I have championed inclusion in my voluntary work for over 15 years building the Association for Black and Minority Ethnic Engineers UK as co-founder. On a more personal note, I have been privileged to support and mentor up to 30 engineers through their professional registration who have gone on to be Chartered and Fellows of the IET.

I am passionate about technical excellence and my passion has led me to contribute to the implementation of some of UK's most advanced technologies within the transport sector. I

am proud to have worked on 4 stations on the Elizabeth line, been involved in the design / implementation of 4G/5G networks, working on HS2 and championing the use of Augmented and Virtual reality through design.

At the IET I have been a judge in the 2019 Yong Woman Engineer awards and the IET Awards, hosted an IET EngTalks with Apple, featured in various IET publications, a speaker at various IET events and delivered 2022's YWE Keynote address.

I serve as a Trustee at StemettesFutures and EngineeringUK. I have previously served on the Royal Academy of Engineering and Science Council EDI steering groups. I was appointed to the Mayor of London's Infrastructure Advisory Panel that brings together a diverse range of leaders in the infrastructure sector to contribute and inform his work. If elected, my ambition is to ensure that we have an IET that is even more inclusive, represents all voices, and continues to champion innovation, creativity and excellence."

BALOCH, Shurooque. BSc(Eng) MSc(Eng) CEng MIET



M 2015

Operability Product Manager, National Grid Electricity System Operator, Warwick, United Kingdom

Nominated by Ben Obiri-Bonney, Andrew Wainwright, Julian Leslie, Jayaraman Ramachandran, Tatiana Mariano Lessa De Assis, Peter Roddy, David Lacey, Djaved Rostom, Nicholas Harvey, Dechao Kong

"I am a Chartered Engineer with over a decade of experience in the field of electricity transmission planning and operation. I hold a bachelor's in Electrical Engineering and a master's in Electrical Power Systems. As Operability Product Manager at National Grid ESO, I am involved in identification of future operability risks, definition of transmission system requirements and creation of long-term solutions to operate a carbon free system. I am privileged to lead a talented and diverse team of power system engineers and enabling a future carbon free GB transmission system.

I value professional registration and actively promote it. As an IET Professional Registration Advisor (PRA), I have successfully advised and mentored several candidates within and external to my company with their chartership applications. I am passionate about IET's commitments, duties and responsibilities to wider community, including promoting diversity in engineering and technology.

I treat everyone's views with respect. With an open-minded problem-solving attitude, I am keen to promote engineering as a profession to our younger generation especially women and minority ethnic communities. If elected, as a member of the IET Council I will focus on supporting and promoting engineering as a career for women, explore diversity in engineering and technology, encourage industry and academic collaboration on engineering innovations to tackle forthcoming challenges, improvements to the processes of professional registration of future candidates, and most importantly inspire others to take up volunteering opportunities. In my view, diversity and collaboration are strengths for any organisation. It is important to me that the IET provides a platform and a home to a range of audiences and attracts talent from across the world to shape its future."

TANG, Siong S. BEng MSc PhD CEng MIET



M 2012

Senior Education Officer, Higher Education Department, Ministry of Education, Bandar Seri Begawan, Brunei Darussalam

Nominated by John Loriman, Arnold Gad-Biggs, Rob Edmunds, Lim Sam Lee, Imran Shafique Ansari, Morgan Bonici, Edmund Ming Kit Lai, Roselawati Pg Hj Halus, Matthew Teow, Chan Tsz Lung

Siong has over 15 years of teaching experience in technical education as well as 4 years of industrial experience in the Telecommunication sector. Siong has held various roles in the engineering sector as well as the education sector (for example, as Chairman of PDEC (Programme Development Education Council), Registrar, Assistant Head of School for Electrical and Electronics Engineering, Head of Quality Assurance and Head of School for Science and Engineering and Head of School of Petrochemical). Currently, Siong is working with the Higher Education Department, Ministry of Education of Brunei.

Siong's interest and passions in volunteering for the IET started in 1997 after graduating with an engineering degree from UK, being awarded the IEE student prize from IEE Essex Centre and after being part of the pro-tem committee overseeing the establishment of the IEE Brunei Centre (inaugurated in November 1997). Since 1997 (excluding 2008-2012 pursuing PhD), Siong has been an advocate for the IET and has held various positions, Honorary Assistant Secretary, Honorary Secretary, Honorary Treasurer and management committee member (when not holding any position).

In 2016, Siong was appointed to the Communities Committee for Asia Pacific (CCAP) for a period of three years. Subsequently, he was elected as CCAP Chair and member of the Communities Resourcing Committee (CRC). Currently Siong is the Co-Chair of the IET Brunei Network.

If elected into the Council, Siong would continue to promote STEM and will support volunteers sharing the same passion "to inspire, inform and influence the global engineering community, supporting technology innovation to meet the needs of society".

POLYCARPOU, Alexis. BEng MSc PhD CEng MIET



Age 45. A 2009, M 2009

Lecturer (Associate Professor), Frederick University, Nicosia, Cyprus

Nominated by Ozak Esu, Peter Dias-Lalcaca, Jayadevi Sujeewon, Charis Andreou, Jowaria Sohail, Christos Christou, Marios Agrotis, Andreas Poullikkas, Savvas Savvides, Alkis Spyrou

Dr Alexis Polycarpou is a Chartered Engineer of the IET. He received his PhD in Electrical Power Systems from the University of the West of England in Bristol, UK. Following his studies, he was employed as a Visiting Lecturer at the Power Systems and Electronics Research Group of UWE, UK, and then as an International Research and Development Engineer for Siemens AG, Amberg, Germany.

He is currently an Associate Professor and Erasmus Coordinator at the Electrical Engineering, Department of Frederick University, Cyprus. He is also the Coordinator of the undergraduate program in RES and Energy Sustainability, and the University IET on Campus group facilitator.

His active involvement with the IET began as a member of the Cyprus IET LN in 2008. He held the position of LN YP Chair for 9 years, and was elected Chair of the IET CY LN in 2018.

He joined the IET CC-EMEA in 2019 as Vice Chair and Project Development WG Lead, and was appointed Chair of CC-EMEA in 2020. Through a period when uncertainty was the main feeling of our volunteers due to Covid-19 restrictions, he led the committee and ensured the effective operation of the CC and the regional LNs. Additionally, he represented the CC in the CRC, and was a member of the Appointments and the Future Governance Working Parties.

“My multicultural industrial and academic background, together with the knowledge gained throughout the years of active IET volunteering, would be greatly utilised if elected for the Council. My main focus is the successful implementation of the 2030 strategy, in a way that it would benefit all geographical regions of the IET.”

PYBUS, Stephen M. BSc MSc MBA DBA CEng FIET



Age 57. S 1987, AM 1989, M 1994, F 2010

Operations Resilience Manager, NATS (National Air Traffic Services Ltd), Whiteley, United Kingdom

Nominated by David Hawken, Peter Davies, Brian Cardwell, Sujan Perera, Stephanie Boyd, Andrew Lowry, Trevor Smith, David Colquitt, Mark Witherington, Philip Worgan

Dr Pybus holds a BSc (Hons) in Electrical & Electronic Engineering from Loughborough University (1989), an MSc in Applied Statistics & Operational Research from the University of London (1992), an MBA from Henley Management College (2002) and a DBA from the University of Winchester (2022). He is a Chartered Engineer and has volunteered as an IET Fellow Assessor since 2013.

Dr Pybus started his career with the UK Civil Aviation Authority (now NATS) as a Graduate Engineer in 1989 and has progressed within the engineering and allied operations and business domains and now has over 30 years' experience within the Air Traffic Management (ATM) field. He has held numerous roles within NATS that have developed and used his professional engineering skills. He has experience of systems engineering; requirements management; advanced concept development; business case development; customer consultation; and, safety case development. His current role as Operations Resilience Manager is focused on Business Continuity, ensuring that NATS can provide resilient services when faced with unexpected adverse events and incidents.

Dr Pybus fully supports the aims and objectives of the IET, in particular its reach-out activities to increase awareness and participation in STEM subjects and how these can stimulate interest in the engineering discipline during the formative years of primary and secondary education. He further supports and advocates the IET's aims on Diversity and Inclusion, seeking to raise awareness within the engineering community to ensure that opportunities are provided to all who wish to participate and contribute to the IET's vision, principles and objectives.

If elected to Council, Dr Pybus commits to support the IET's aim to “engineer a better world” and will collaborate with fellow Council members in our common purpose to support the IET and its governing bodies.

GOLLY, Faith Thursday. GCGI IEng MSOE MIPlantE MIET FIMC CMC



A 2002, M 2006

Ag General Manager, Operations, Viathan Engineering Limited, Lagos, Nigeria
Nominated by Daniel Tarerefa, Jonathan Obiegba, Ndifreke Ntewo, Sikiru Ajibola Seriki, Sanuel Ekaette, Inyeye Gideon Francis, Hisham Rojoa, Iain Murdoch, Ibitoye Oludamilola Ajiboye, Benaiah Akpovino

"I am an Incorporated Engineer and currently work as Ag General Manager, Operations, for Viathan Engineering Limited, Nigeria's pioneer integrated energy services provider. Prior to joining Viathan Engineering Limited I held professional experience within Africa and the Middle East working with leading power companies like Steag Encotec GmbH, GE, Dietsmann/Shell and the Niger Delta Power Holding Company Limited, where I held senior management roles including Operations & Maintenance Manager, Plant Manager and COO, with significant responsibility managing assets worth millions of dollars.

I joined the IET 21 years ago and quickly recognized the potential benefits of membership. In 2005, driven by a passion to optimize membership benefits, I led a small project steering committee to obtain approval for the formation of a LN in Nigeria. I have held several local roles and currently the Chair of the Nigerian LN. I also served two complete terms for the EMEA Regional Board and later the Communities Committee – EMEA from 2010 to 2014. Post COVID-19, I was excited to receive an appointed in Q4 2022 to the IET Benevolent Fund, Foothold SDC as ordinary member providing support to engineers in challenging circumstances.

If elected, I will draw on my vast global career and volunteer network to inspire significant growth in Communities in English speaking countries globally, supporting Council's strategic plans for the development of Communities with focus on resuscitating inactive Communities globally beginning with Sub Saharan Africa where most IET Communities have become inactive."

PRESLEY, Sam. MEng MIET



Age 28. S 2013, A 2017, M 2018

Technical Product Manager, Nordic Semiconductor, London, United Kingdom
Nominated by the Board of Trustees

"I am honoured to be nominated by the Board of Trustees to stand for election as a member of IET Council. My IET volunteering journey began in 2013 as an undergraduate. Since then I have held local, national and international volunteering roles with the IET, primarily working to engage early career engineers.

I believe the IET has an essential role to play in the development of engineers and technologists of the future. We have made great progress, but must continue to develop the IET to remain relevant, through engaging with those not already involved with the IET, and tailoring our offering to create something unique and not achievable by other organisations.

If successful, I hope to prioritise the following in my role:

- Modernise the membership offering - differentiate the IET and create greater value for engineers and technologists working in the 2030+ workplace.
- Equalise international membership offering - deliver equal value to a diverse international membership.

- Champion innovation - harness IET's global networks to solve societal challenges through practical action.
- Support the governance of the Institution through Council's monitoring role.

I currently serve the IET Future Talent Awards Panel and have previously served Young Professionals Community Committee (YPCC) as Chair, Communities Resourcing Committee (CRC), Diamond Scholarships Council and founded the IET On Campus Southampton community. I am a frequent judge for IET Awards including E&T Innovation Awards and Young Woman Engineer of the Year Award.

I hold a First Class Electronics Engineering degree from University of Southampton and currently work for Nordic Semiconductor as a Technical Product Manager, defining Semiconductor Systems on Chip for ultra-low power wireless systems. I work internationally with blue-chip clients to support their adoption of our technology and collaborate on specification. Previously I have held roles at RS Components and Dyson."

SUZUKI, Larissa. BSc MSc PhD CEng FIET



Age 37. M 2018, F 2020
 Technical Director, Office of the CTO, Google, London, United Kingdom
 Nominated by the Board of Trustees

"I am a passionate computer scientist, engineer and inventor. My career includes +18 years working on smart cities, artificial intelligence, interplanetary internet, emerging technologies, and computing applied to medicine / neuroimaging. I currently work at Google as a Technical Director in the Office of the CTO. My previous experiences include global technology companies, start-ups, government, ARUP, IBM, University Labs (UCL, MIT, Lancaster). My continuing academic work is at UCL in the CS Department.

I've published several research papers, and received numerous grants/awards and recognitions from MIT, Intel, Google, ACM, Heidelberg Laureate Forum Foundation, Microsoft, EPSRC for my contributions to industry and international science.

I am really proud of being a member of such a prestigious multidisciplinary and international institution. I could not be more grateful for all the opportunities that have been given to me through the IET in the past years as the winner of the YWE WES Prize in 2018.

I want to continue using my full energy to promote the Institute and contribute my best to the IET Council. If elected I will fully support the strategic activities and directions of the IET within and beyond the UK."

HARKER, Sophie. MMath CEng MRaES MIET



Age 31. M 2019
 Assistant Chief Engineer of Electric Products, BAE Systems, Warton, United Kingdom
 Nominated by the Board of Trustees

"I am a Chartered Aerospace Engineer, having worked in the sector for the last 9 years on various projects including spaceplanes, hypersonics and now electric aircraft. As Assistant Chief Engineer I am responsible for the technical development of multiple projects and lead a team of multi-disciplinary engineers. I hold a Masters in Mathematics from the University of Nottingham and I am currently studying for a Masters in

Sustainability Leadership at the University of Cambridge.

I first got involved with the IET in 2018 when I received the Sir Henry Royce Medal and the Young Woman Engineer of the Year (YWE) award. Since then I have been involved in outreach activities for the IET, including the IET's Open House and the First Lego League, represented the IET in various media outlets, including TV, podcast, radio and print, and joined the Young Professionals Committee in 2021. I have volunteered to support numerous award judging panels, including Present Around the World, the IET Innovation Awards, YWE and developing and judging the new Impact in Society awards.

I am an active STEM Ambassador and regularly engage with and mentor young people to encourage them to consider STEM careers. In 2020, I co-founded Epistemic, a charity that specialises in virtual outreach activities. In addition to the IET I am also a Member of the Royal Aeronautical Society, sitting on various boards and committees.

I am delighted to be nominated by the Board of Trustees to stand for election. If elected, I would have two key aims:

- Grow the IET's work on sustainability, both in house and within industry, in particular setting up a Sustainability Technical Network to focus our efforts and promote collaboration across industry and academia.
- Contribute and grow the IET's EDI activities and encouraging wider industry and academia to do the same."

KADALI, Kalyan Sagar. PhD MIET



M 2022

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

Nominated by G Pandian, M Sruthi, A Mohan, Vimal Chaubey, Ranjan Chaubey, R Bala Murugan, M Bharathiraja, M Sucharitha, Ishrat M Mirzana, M Marsaline Beno

Dr Kalyan Sagar Kadali acquired 10 years of experience as Assistant Professor at various Universities in India. His enthusiasm for teaching and association with IET as a faculty advisor made everything else secondary. Kalyan has been an active IET volunteer since 2010. It is commendable to record the contribution made by establishing a new 6 IET on Campuses in the Hyderabad region, southern part of India, where there is no fragrance of an IET network. He organized many IET events with the enlargement of IET student and professional memberships.

He was elected as an ordinary member of the Council during 2014-17 and contributed to IET Knowledge Services Board. He believes he would bring skills to the Board to be a mentor and a role model for future engineers under the roof of IET. His contribution will be instrumental in steering the IET to greater heights. He would be a champion for further developing the Institution's breadth while maintaining a focus on the energy sector to address issues of fundamental importance to society. He would be fortunate enough to be elected to the Council as he would bring his experience and enthusiasm to further support the IET in the formation and delivery of its strategy and to ensure the Institution for overall success by shouldering the responsibility.

ELECTION TO THE COMMUNITIES RESOURCING COMMITTEE 2023 – ORDINARY MEMBER

CLOUDIN, S. ME PhD MIET



Age 47. M 2011

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

Nominated by A Rathinam, R Rajkumar, V Ceronmani Sharmjia, A K Parvathy, A L Vallikannu

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

Cloudin has been passionate and volunteering in IET since 2011 as a faculty advisor of the IET On Campus in KCG. He shouldered different administrative responsibilities like Executive Member, Treasurer and Vice Chairman in IET Chennai Local Network. Currently he holds the responsibility as Chairman of IET CLN and executive member in CCSA. He chaired the Students Activity Planning Committee, which regulated student activities to be aligned with IET strategies. He has been an instrument behind the enlargement of IET membership by adding around 1000 students and 100 professionals with his untiring persuasion. His strategic plans on collaborations with industries helped the professional growth of members. Now he is part of the committee working towards establishing IET in the neighbour countries of India like Bangladesh and Nepal.

Having learnt many skills personally and technically through IET, Cloudin has organized multifaceted seminars, workshops, conferences and competitions under IET banner. His fervor and zeal towards IET and the student community enabled KCG to emerge as Academic Affiliate with IET.

Under his leadership, KCG On Campus received Best Chapter Award and Overall Championship Award from CLN and Exemplary Student Chapter Award 2013 in the South Asia level. He is the instrument behind the events Smart City Challenge and Industry Institution Summit and his team received Teamwork award in the 2020 IET Volunteer Core Values Awards.

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

RAJPOOT, R N. ME MBA CEng FIET FIE MIEEE FIETE FBES



M 2005, F 2009

GGM/Elect/Exp/RVNL, Rail Vikas Nigam Ltd, New Delhi, India

Supported by Mehtab Singh, Aman Rajput, Rajendra Singh Grover, Dinesh Chandra Pandey, Rajesh Singh

Shri R N Rajpoot, joined Indian Railways Services Electrical Engineers. He held many important positions in Railways such Chief Electrical Engineer/plg, Chief Electrical General Engineer, etc. Project Manager flagship project Improving Energy Efficiency

in Indian Railway System in coordination with UNDP. Conferred many awards including National Award for his meritorious services.

Rajpoot's involvement with IET at various levels is many fold, very active and multi-dimensional. He is Chartered Engineer, Engineering Council of UK. He has been volunteering for last 18 years, served IET/DLN as Chair, Honorary Secretary, Honorary Treasurer and Vice Chair and Chair of CCSA.

He is IPRA, Mentor and Fellow Assessor. He is playing very active role in the growth of membership especially Fellow and CEng. He has been working to enrolled engineers to IET, specially railway engineers. He has guided many professions to achieve CEng and FIET.

He is associated with many professional bodies and international institutions. He had served the Institution of Engineers (India), having about 1 million members, as Chair, Honorary Secretary of DSC, Council Member (2010-12 and 2021-22) and Chair Safety and Quality forum. He has organised / been organising international and national seminars / workshops / conventions. He was Organising Chair of the 27th IEC which was inaugurated by Hon'ble President of India and Co-Chair for 36th IEC.

If elected to CRC, will work closely with all the local networks to significantly contribute to IET's visibility particularly in SA and to spreads the wings to include other countries of SA in IET Network.

VISHWAKARMA, Suresh. MBA PhD PEng CEng MIET



Age 55. M 2003

Senior Engineer, BC Hydro, Vancouver, Canada

Nominated by Hisham R Rojoa, Imran Shafique Ansari, Savvas Savvides, Daniele Bortoli, Thiben Kerisnain

Suresh has a PhD in power management. He has held senior engineering and managerial positions in public utility companies since 1988 in Canada, Seychelles, and India. He is currently a Senior Engineer (Asset Performance Planning) at BC Hydro in Canada. He undertook postdoctoral research in an energy conservation project at the University of West Indies which was selected by IET for a Travel Reward. He was an Adjunct Professor (Utilities Engineering) at the University of Trinidad and Tobago for one year. He has more than 40 publications in conference proceedings, journals, and periodicals.

Suresh is an IPRA and active in Western Canada LN since 2012. He is the current Chair of Western Canada LN, a past CCA member (2018-2021), and IET Representative for Western Canada. He is on IET's Built Environment Panel. He organized IET's seminars in Vancouver on "Corporate Social Responsibility" in 2018 and on "Artificial Intelligence" in 2020. He also organized IET's 150 anniversary event in Vancouver. He has conducted several webinars for IET India and contributed significantly to IET's Smarts Cities Symposiums organized in Bahrain in the past.

Suresh mentors CEng and PEng aspirants in western Canada. He organizes IET's PATW and IMechE's SoFE competitions in Vancouver. He was invited to IET Americas' CVC 2017 and CVC 2019. He has added many new IET members in the past years.

"After working for 35 years on three continents, I have gained valuable insight into IET's activities in different cultural environments. I see a huge potential to collaborate with industries and academia to promote IET's technical and community activities, especially in low-member-density regions. If elected, I will work closely with all networks to increase IET's global visibility. I will support communities' activities and strengthen communication across LNs. I will commit to one team working with integrity, excellence, and teamwork."



M 2015, F 2018

Manager, Technical Solutions, Risk Management and Assurance, Egbin Power Plc, Lagos, Nigeria

Nominated by Faith T Golly, Jonathan Obiegba, Daniel Tarerefa, Sikiru Ajibola Seriki, Inyeke Gideon Francis

“Kelechi holds Bachelor’s degree in Electrical Engineering and Masters in Business Administration. I have 22 years work experience in the Upstream Oil and Gas Industry (Shell Petroleum Development Company of Nigeria Limited); FMCG; Management Consulting and Power Utilities (Egbin Power Plc). I have successfully managed multi-million dollar portfolios including hydrocarbon-producing communities electrification projects (Nigeria); and asset manager at 1320MW Egbin Power Plant – the largest power plant in Nigeria. These technical and financial management skills will be invaluable to the CRC, if elected.

I have volunteered for Engineering and technical communities in various capacities including serving as: Director of Project Management Excellence, Project Management Development Association of Nigeria (PMDAN); National Vice-Chairman (Power Engineering), NIEEE; Member, Computer-Based Test (CBT) Committee, Nigerian Society of Engineers (NSE); and Training Consultant to Energy Institute (EI), Nigeria Section. I have coached scores of engineers, asset managers, project engineers and energy professionals; and supervised graduate and post-graduate dissertations in Nigeria, UK and the UAE. As part of knowledge-sharing, I have authored more than 30 technical paper presentations and publications.

Since joining the IET in 2015, I have mentored dozens of engineers to successful applications into membership and fellowship of the IET, as well as professional registration as Chartered Engineers (CEng) in the UK, and Registered Engineers (Council for the Regulation of Engineering in Nigeria, COREN) in Nigeria. I am also an active member of IET Nigeria Local Network Community, where I have helped to grow membership of the Nigerian IET community via my networks in different companies and affiliations professional associations.

I was nominated by the IET Nigeria Local Network Community. I have a vision to galvanize the diversity of experience and talents within the IET to nurture young engineers to play more active roles in our rapidly evolving world; providing fit solutions to pressing human challenges.”

