2024 IEEE Annual Election

Candidate Biographies and Statements

www.ieee.org/elections
Instructions to IEEE Voting Members
Please Read Instructions Carefully Before You Vote

Voting members may cast their ballot in one of two ways: Ballot materials may be accessed online and returned electronically (see #1 below) or paper ballots may be mailed (see #2 below). Follow the ballot marking procedures carefully to ensure your ballot will be valid.

NOTE: The ballots have been prepared so that candidate information within election categories appears randomly and indicates no preference. It follows an order that was predetermined through a lottery process.

1. **Electronic Transmission**: Voting materials for the annual election are available online at the IEEE website www.ieee.org/elections. To be authenticated electronically, please use your IEEE Account username/password or use the Control Number and E-signature provided or scan the QR code on your paper ballot.

2. **Paper Returns**: Please sign your ballot. Unsigned (blank) paper ballots do not count as valid votes. Ballots not signed in the signature box on the upper portion of the ballot form do not count as valid votes. The upper portion of the form will be detached after validation and prior to tabulation of the vote by the election vendor.

3. **Ballot Marking**: Vote for the candidate of your choice in each category indicated on the form by marking an X in the corresponding box to the LEFT of the name. Any mark made in a box will count as a valid vote. If a mark is NOT made in the box to the left of the name, or if the box is circled without an X, it will NOT count as a valid vote. In order to nullify a vote that has been cast in error, the candidate's name AND check-off box should be crossed out completely. If a mark is made in more than one box it will not be counted as a valid vote.

4. **Election Categories**: Only voting members of the IEEE may vote for IEEE President-Elect. The categories shown on the ballot reflect the Division(s) and/or Region in which you are eligible to vote this year. Those voting members residing in Regions 1-6 may also vote for IEEE-USA President-Elect, and those IEEE members who also belong to at least one Society may vote for IEEE Technical Activities Vice President-Elect. In 2024, elections are only being conducted in the following Divisions and Regions: Divisions I, III, V, VII and IX for Delegate-Elect/Director-Elect and Regions 2, 4, 6, 8, and 10 for Delegate-Elect/Director-Elect. The absence of a category for Division Delegate-Elect/Director-Elect or Region Delegate-Elect/Director-Elect on your ballot indicates that no election is being conducted for these offices in 2024. Elections are also being conducted in all Regions for IEEE Standards Association (IEEE SA) Board of Governors Members-at-Large. IEEE officer position descriptions are available online at the IEEE website www.ieee.org/elections.

NOTE: The 2025 IEEE President-Elect will become IEEE President in 2026.

5. **Deadline for Ballot Receipt**: Only ballots received by 12:00 noon, Eastern Time USA (16:00 UTC) on 1 October 2024 will be counted. Access and return ballot electronically or mail early to allow for delivery by the deadline date.

**Regional Elections**

The world is divided into ten IEEE Regions, each represented on the IEEE Board of Directors by a Region Delegate/Director who serves a two-year term. The Region Delegate-Elect/Director-Elect is elected by the voting members of the Region from a slate nominated by the Regional Committee or by petition of the eligible voting
members in the Region. The Region territories are not necessarily confined to State or Country boundaries. When such boundaries are crossed, the State or Country is listed under the Region that contains most of its area. IEEE eligible voting members are entitled to vote for the Region Delegate-Elect/Director-Elect where they reside.

To provide a more equitable representation across its global membership, IEEE has been working to restructure its 10 geographic Regions. Effective on 1 January 2028, the number of Regions located within the United States will be reduced from 6 to 5 Regions, with the combining of Region 1 (Northeastern USA) and Region 2 (Eastern USA) forming a 'new' Region 2 (Northeastern and Eastern USA) and Region 10 (Asia and Pacific) will be separated into two Regions, Region 10 (North Asia) and Region 11 (South Asia and Pacific).

In the 2024 IEEE Annual Election, eligible voting members residing in the current Region 2 (Eastern USA) will be electing the IEEE Region 2 Delegate-Elect/Director-Elect for the term 2025-2026 (Director in 2027-2028) and eligible voting members residing in Region 10 (Asia and Pacific) will be electing the IEEE Region 10 Delegate-Elect/Director-Elect for the term 2025-2026 (Delegate/Director in 2027-2028). In 2027, the newly elected Region 2 and 10 officers will first serve as the Director of the current Region they were elected and then as the Director of the 'future' Region in 2028.

A ratification vote of the eligible voting members residing in future Regions 2 and 10 will take place for the second year of the Director's term in 2028. Per IEEE Bylaws, the Region Delegate/Director must reside in the Region that they represent.

**Technical Division Elections**

IEEE Societies are clustered within ten technical Divisions, each represented on the IEEE Board of Directors by a Division Delegate/Director who serves a two-year term. The Division Delegate-Elect/Director-Elect is elected by the voting members of the Division from a slate nominated by the Divisional Committee or by petition of the eligible voting members in the Division.

**Standards Association Elections**

IEEE Standards Association (IEEE SA) has the responsibility to pursue programs on an Institute-wide basis that enhances globalization of IEEE standards. All individual members of the IEEE Standards Association are eligible to vote for the IEEE Standards Association Board of Governors Member-at-Large. All corporate members of the IEEE Standards Association, via their respective representatives, are eligible to vote for the IEEE Standards Association Board of Governors Members-at-Large. No member grade is required to vote for IEEE Standards Association Board of Governors Members-at-Large.

**Technical Activities Elections**

IEEE Technical Activities (TA) serves the technical interests of the members worldwide. IEEE eligible voting members who are also members of at least one technical Society are entitled to vote for IEEE Technical Activities Vice President-Elect.

**IEEE United States of America Elections**

IEEE United States of America (IEEE-USA) serves the professional interests of the members of the United States. IEEE eligible voting members residing in Regions 1-6 are entitled to vote for IEEE-USA President-Elect.
IEEE, consistent with the purposes articulated in Article I of the IEEE Constitution, is committed to the realization and maintenance of an environment in which members may have full and productive careers free from Discrimination or Harassment. IEEE is committed to the principle that all persons shall have equal access to programs, facilities, services, and employment without regard to personal characteristics not related to ability, performance, or qualifications as determined by IEEE policy and/or applicable laws. IEEE prohibits Discrimination, Harassment and Bullying against any person for any reason, for example, because of age, ancestry, color, disability or handicap, national origin, race, religion, gender, sexual or affectional orientation, gender identity, appearance, matriculation, political affiliation, marital status, veteran status or any other characteristic protected by law. IEEE employees, members (in any capacity), and non-members, whenever and wherever those individuals are conducting IEEE business or participating in IEEE events or activities, shall maintain an environment free of Discrimination, including Harassment, Bullying, and Retaliation.

Mediation and Enforcement:

The IEEE Human Resources Department shall have the primary responsibility for oversight of this policy including investigating complaints of Discrimination, Harassment, Bullying, and Retaliation with respect to employees. Any person who believes that he or she has been the victim of illegal Discrimination or Harassment may seek redress through an appropriate Organizational Unit dispute resolution mechanism or may contact www.ieee-ethics-reporting.org. The Ethics and Member Conduct Committee shall have final responsibility for oversight of Policy 9.26 and this Policy 9.27 with respect to IEEE members and non-members participating in IEEE activities. Matters deemed to be of a serious nature shall be referred to the Legal and Compliance Department for handling. The goal in every such case shall be to reach a determination on the merits of allegations, if possible. In most cases, this will require an investigation into the facts.

Such an investigation may be conducted by IEEE staff, legal counsel, volunteers, private investigators or other individuals deemed qualified to do so. If the evidence shows that there has been Discrimination, Harassment, Bullying, and/or Retaliation, IEEE shall seek to ensure the Discrimination, Harassment, Bullying or Retaliation immediately stops and does not recur. The complainant shall be informed generally of the conclusions reached regarding the allegations.

Disciplinary sanctions for violation of policy, up to and including termination of employment or expulsion from membership in IEEE, as applicable, will be imposed in accordance with applicable IEEE policies. The IEEE President shall be informed of all allegations involving IEEE members (in any capacity), non-members participating in IEEE activities, or any management level employees. If the complaint is against the IEEE President then the IEEE Board of Directors shall be informed.

In accordance with IEEE Policy 9.10, the Whistleblower and Non-Retaliation Policy, IEEE prohibits retaliation for raising in good faith an issue of potential Discrimination, Harassment, Bullying, and/or Retaliation, and discourages any behavior that might be perceived as retaliatory in nature. Retaliation shall constitute a separate violation and may result in a sanction independent of the outcome of a complaint.
Candidates’ biographies, statements, accomplishments, and activities are published as furnished and attested to by the candidates. The sequence of the candidates in this pamphlet are listed by election category determined by lottery and indicates no preference.

Please read the voting instructions that appear on pages 2-3.

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MARY ELLEN RANDALL, FIEEE
(Nominated by IEEE Board of Directors)

President and CEO
Ascot Technologies, Inc.
Cary, North Carolina, USA
ieee.org/pe25/randall

Meet Mary Ellen by watching a brief video at ieee.org/pe25/randall or scan the QR code.

Mary Ellen Randall is an IEEE Fellow and member of the IEEE-Eta Kappa Nu honor society.

Ms. Randall is founder/CEO of Ascot Technologies, Inc., an award-winning company which develops enterprise applications using mobile data delivery technologies.

She held technical and management positions in IBM, including an international assignment, hardware and software development, digital video chips, client/server services, network management, operating systems, and test design automation. She routinely managed projects on an international scale.

She served on the IEEE Board of Directors as IEEE Treasurer, IEEE Vice President of MGA, R3 Director, and served as IEEE WIE Committee Chair among other leadership positions.

She created/developed the IEEE MOVE International Community Outreach Program for Disaster Relief and STEM education. She received awards for this work, including the IEEE Haraden Pratt Award.

She was named a top “Woman In Business” in the Research Triangle North Carolina area and made Business Leader Magazine’s “Impact 100” List.

Statement

Aristotle said, “the whole is greater than the sum of its parts.” Certainly, when looking at IEEE, this metaphysics phrase comes to my mind. In IEEE we have engineers and technical professionals developing, standardizing and utilizing technology from diverse perspectives. IEEE members around the world:

• perform and share research, product development activities, and standard development
• network and engage with each other and their communities
• educate current and future technology professionals
• measure performance and quality
• formulate ethics choices
• and many more – these are just a few examples!

We perform these actions across a wide spectrum of in-depth subjects. It is our diversity, yet oneness, that makes me confident we have a positive future ahead.

How do we execute on Aristotle's vision? First, we need to unite on mission goals which span our areas of interest. This way we can bring multiple disciplines and perspectives together to accomplish those big goals. Our strategy will guide our actions in this regard.

Second, we need to streamline our financing of new innovations and systematize the introduction of these programs.

Third, we need to execute and support our best ideas on a continuing basis.

As President, I pledge to:

Institute innovative products and services to ensure our mutually successful future;
Engage stakeholders (members, partners and communities) to unite on a comprehensive vision;
Expand technology advancement and adoption throughout the world;
Execute with excellence, ethics, and financial responsibility.

Finally, I promise to lead by example with enthusiasm and integrity and I humbly ask for your vote.

IEEE Accomplishments and Activities
(M’85-SM’01-F’19-LF’24)

Proven record of accomplishments:
• As IEEE Treasurer, ensured IEEE Financial compliance resulting in successful audited results.
• Improved financial transparency through conversion to Financial Cloud, providing project-based enhanced financial management worldwide.
• Founder/Chair of the IEEE MOVE Global Community Outreach program for Disaster Relief, STEM Education - 35 successful disaster relief deployments over 8 years and developed a formal IEEE relationship with the American Red Cross.
• As MGA VP, focused MGA achievements on “Engaging One Another in a Data Driven World” emphasizing underserved communities’ needs.
• As MGA VP, 2017 Sections Congress was held in Sydney, Australia:
  • 1,232 members participated from 97 countries representing 93% of sections. 50% were first time participants
• 37 technical Societies/Councils represented
• All major IEEE Organizational Units represented
• Largest Sections Congress to date

As Region Director, focused on engaging our members and enhancing leadership effectiveness. Region achieved 121% and 155% of Senior Member grade elevation goal, placing us top region in the world.

As WIE Committee Chair, WIE Affinity Groups more than doubled and WIE membership grew to 12,000+ members worldwide.

Positions:
• IEEE Treasurer (2021-2023)
• IEEE Investment Committee (2021-Present)
• IEEE Strategy and Alignment Committee (2021-2023)
• MGA Treasurer (2020)
• Educational Activities Board (2019)
• IEEE Nominations & Appointments (2018)
• Humanitarian Activities Committee (2018)
• MGA Vice-President & Board Chair (2017)
• IEEE Audit Committee Chair (2015)
• Region 3 Director (2014-2015)
• MOVE Project Director (2014-Present)
• Awards Board (2010-2012)
• WIE Committee Chair (2005-2006)

Committees:
• TAB/PSPB Products & Services
• Ideation (TAB/PSPB)
• Corporate Engagement
• Innovating Funding Models
• Fellows Process
• Strategic Planning
• Enhancing Financial Management
• Honorary Membership
• New Membership Models
• MGA Operations
• USA Awards & Recognition
• Region Leadership Development
• Region Awards
• Educational Outreach
• University Outreach
• Sections Congress
• MGA Awards
• Awards Planning & Policy

Other Activities:
• Region Awards Chair
• Section Chair
• WIE Affinity Group Chair
• TEMS Chapter Vice-Chair
JOHN P. VERBONCOEUR, FIEEE
(Nominated by IEEE Board of Directors)

Sr. Associate Dean for Research and Graduate Studies,
Professor of Electrical and Computer Engineering,
Professor of Computational Mathematics, Science, and Engineering
Michigan State University
East Lansing, Michigan, USA
ieee.org/pe25/verboncoeur

Meet John by watching a brief video at ieee.org/pe25/verboncoeur or scan the QR code.

Verbboncoeur is senior associate dean for research and graduate studies in Michigan State University’s (MSU) engineering college. He founded the computational engineering science program at UC-Berkeley in 2001, chairing it until 2010. In 2015 he cofounded the MSU computational mathematics, science, and engineering department. His research area is plasma physics, with over 500 publications and over 6,600 citations.

He serves on the Boards of Physics of Plasmas, the American Center for Mobility, and the U.S. Department of Energy Fusion Energy Science Advisory Committee.

Verbboncoeur led startups developing digital exercise and health systems, a consumer credit report, and a role in developing the U.S. Postal Service’s mail-forwarding system.

His IEEE experience includes 2023 Vice-President of Technical Activities, 2020 acting Vice-President of Publication Services and Products Board, 2019-2020 Division IV Director, and 2015-2016 President of the Nuclear and Plasma Sciences Society.

He received a Ph.D. in 1992 in nuclear engineering from UC-Berkeley.

Statement

Ensure IEEE remains THE premier professional technical organization, deliver value via new participants, products and programs, including events, publications, and innovative personalized products and services, to enable our community to change the world. Key strategic programs include:

Climate Change Technologies (CCT): Existential to humanity, addressing
mitigation and adaptation must include technology R&D, local relevance for practitioners, university and K-12 students, the general public, media and policymakers and local and global standards.

**Smart Agrofood Systems (SmartAg):** Smart technologies applied to the food supply chain from soil to consumer to compost.

**Artificial Intelligence (AI):** Implications from technology to business to ethics. A key methodology for providing personalized IEEE products and services within our existing portfolio, and engaging new audiences such as technology decision makers in academia, government and technology finance by extracting value from our vast data to identify emerging trends.

Organizational growth opportunities include scaling and coordinating our public policy strategy worldwide, building on our credibility to inform and educate. Global communications capability is critical to coordinate and amplify our impact. Lastly, we need to enhance our ability to execute IEEE-wide programs and initiatives, from investment in transformative tools and products to mission-based education, outreach and engagement. This can be accomplished by judicious use of resources generated by business activities through creation of a strategic program to invest in our future with the goal of advancing technology for humanity.

With a passion for the nexus of technology with finance and public policy, I hope to earn your support.

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**IEEE Accomplishments and Activities**

(M’94-SM’08-F’13)

**IEEE Accomplishments:**

- As TABin2030 AdHoc Chair (2016), led the analysis of, and successful opposition to, the proposed IEEE Constitutional Amendment.
- As TAB SmartAg AdHoc Chair (2017), led over 20 societies/Councils in the application of technology to the food supply chain, created conferences and special sessions.
- As VP/President of NPSS, repaired rift with EMBS over co-sponsored journal (*Transactions on Medical Imaging*), worked with EMBS to create new journal (*Transactions on Radiation and Plasma Medical Science*).
- As President of NPSS, initiative to improve NPSS journal impact factors using email blasts, editor-select papers, and elimination of page charges resulted in a 50% increase in impact factor over three years.
- As IEEE InfoTrans AdHoc Chair (2019) led update to meeting and referendum election transparency to ensure equal voice for all members.
- Key role in development of AI-based product concepts (AskIEEE, Foresight).
- Key role in development of Technical Communities 2.0 and Local Groups and ability to connect emerging global R&D topics to local geographic relevance.
Initiated ongoing effort to develop funding model for large scale investment in new products, services, and mission imperatives.

**IEEE/TAB/MGA:**
- VP-Technical Activities (2023)
- TAB Management Committee (2017-2019, 2022-Present)
- TAB SmartAg AdHoc Chair (2017-2019)
- TAB/PSPB Products and Services Committee (2019-2021)
- Division IV Director (2019-2020)
- Acting VP PSPB (2020)
- TAB Technical Community 2.0 AdHoc (2020-Present)
- IEEE Industry Engagement Committee (2021-2023)
- IEEE Transparency in Meetings, Document Classification and Elections AdHoc Chair (2019)
- TABin2030 AdHoc Chair (2016)
- MGA-TAB Local Groups AdHoc Co-Chair (2020-2021)

**REGION/SECTION/CHAPTER:**

**SOCIETY:**
- Nuclear and Plasma Sciences Society
  - President (2015-2016)
  - AdCom (2010-Present)
  - Awards Chair (2019-2020)
  - FinCom Vice-Chair (2021-Present)
  - Distinguished Lecturer (2018-Present)
  - Fellow (2013) Citation: *For contributions to computational plasma physics and plasma device applications*
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S. K. RAMESH, FIEEE
(Nominated by IEEE Board of Directors)

Director SfS² (SECURE for Student Success) Program
Professor of Electrical and Computer Engineering
California State University, (CSU), Northridge
Northridge, California, USA
ieee.org/pe25/ramesh

Meet Ramesh by watching a brief video at ieee.org/pe25/ramesh or scan the QR code.

S. K. Ramesh is an engineering educator with almost four decades of service as a dean, department chair, and faculty member. As dean, he established innovative programs to serve industry in renewable energy, assistive technology, and advanced manufacturing. The IEEE Learning Network (ILN) that he championed as Vice President of Educational Activities is a model for collaboration across IEEE.

Ramesh is an IEEE Fellow recognized for “contributions to entrepreneurship in engineering education”, and has created internationally recognized programs that attract and support underrepresented students in engineering. He served as 2022-2023 ABET President broadening engagement globally. His recognitions include the John Guerrera Engineering Educator of the Year, William Johnson International award for “leadership and contributions to the profession”, and IEEE Region 6 Community Service award. Ramesh has served on the Boards of IEEE, HKN, and ABET, strengthening diversity, inclusion, and collaboration between volunteers and staff, with financial transparency and measurable outcomes.

Statement

We live in an era of rapid technological development where change is constant. My leadership experiences of four decades across IEEE and ABET have taught me some timeless values in this rapidly changing world: To be Inclusive, Collaborative, Accountable, Resilient and Ethical. Connection and community make a difference. IEEE’s mission is especially important, as the pace of change accelerates with advances in AI, Robotics and Biotechnology. I offer leadership that inspires others to believe and enable that belief to become reality. “I CARE”!

My top priority is to serve our members and empower our technical
communities worldwide to create and advance technologies to solve our greatest challenges.

If elected, I will focus on three strategic areas:

**Member Engagement:**
- Broaden participation of Students, Young Professionals (YPs), and Women in Engineering (WIE).
- Expand access to affordable continuing education programs through the IEEE Learning Network (ILN).

**Volunteer Engagement:**
- Nurture and support IEEE’s volunteer leaders to transform IEEE globally through a volunteer academy program that strengthens collaboration, inclusion, and recognition.
- Incentivize volunteers to improve cross-regional collaboration, engagement and communications between Chapters and Sections.

**Industry Engagement:**
- Transform hybrid/virtual conferences, and open access publications, to make them more relevant to engineers and technologists in industry.
- Focus on innovation, standards, and sustainable development that address skills needed for jobs of the future.

Our members are the “heart and soul” of IEEE. Let’s work together as one IEEE to attract, retain, and serve our diverse global members. Thank you for your participation and support.

**IEEE Accomplishments and Activities**
(S’79-S’84-M’85-S’85-M’86-SM’93-F’15)

Ramesh has made impactful leadership contributions to advance IEEE’s mission for over four decades. Key leadership positions include Vice President Educational Activities, President IEEE-HKN, and ABET President. Spanning the gamut of IEEE activities, his leadership on several major IEEE Boards and committees has strengthened collaboration, and improved member engagement through innovative programs. Recent highlights:

- Restructured IEEE Educational Activities with a diverse team of volunteers and staff, resulting in financial transparency, accountability and inclusive excellence (2016-2017)
- Championed the IEEE Learning Network (ILN) in collaboration with all OUs as a one-stop shop for IEEE continuing education (launched 2019)
- Championed and implemented the Try Engineering Summer Institute and Try Engineering Together e-mentoring program (2017)
- Enhanced EPICS in IEEE program with an MOU with Purdue University promoting project-based learning and faculty professional development
Increased industry support, and expanded IEEE-HKN globally (2016)
Broadened engagement through the UN Global Compact and improved the quality of technical education worldwide as ABET President (2022-2023)

IEEE Activities (select leadership positions):

- Chair, IEEE Hearing Board (2022)
- IEEE Board of Directors (2016-2017)
- Chair, IEEE-HKN Development Committee (2018-2022), Madni Award Committee (2020-2022)
- Fellows Committee (2018, 2021-2022)
- Publication Services and Products Board (2020-2021), TAB/PSPB Products & Services Committee (2022-2024)
- Treasurer and Trustee, IEEE-HKN Board of Governors (2012-2014)
- IEEE Awards Board (2010-2013, 2021-2024), APPRC (Vice Chair – 2020, Member – 2021-2024)
- IEEE Educational Activities Board (Pre-University Education Chair, 2014-2015, Awards and Recognition Chair, 2010-2013, 2021-2024)
- IEEE Exhibits Program Strategic Summit, Chair (2015)
- Associate Editor-in-Chief e-Learning Library (2012-2013)
- Sacramento Section, Chair (1992-1993)
- Student Branch Counselor, CSU Sacramento (1990-2006)
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Amara is a computer scientist who received his Ph.D. in computer science in 1989. He started his career as an associate professor at Paris VI University for 3 years. After that, he joined ISEP (Paris Institute for Electronics) as the head of the Microelectronics Laboratory. He established the LISITE laboratory, which consisted of more than 40 researchers working in the areas of micro- and nanoelectronics, image and signal processing, and big data processing and analysis. Amara served as the Deputy Managing Director of ISEP in charge of Research and International Cooperation until March 2017. In June 2017, Amara joined Terre des hommes (Tdh), where he launched an international ICT for Development team. He led a joint team of Tdh, McGovern Foundation, and UNIGE that worked on artificial intelligence for child life saving (AI4CLS) in underserved countries. He is an IEEE Senior Member and an Academic Fellow of Geneva University.

Statement

As a candidate, I am dedicated to outlining a strategic roadmap that underscores my commitment to fostering progress and innovation within our division. Here are several key priorities and initiatives that will shape our Division:

- **Defining Common Strategic Objectives:** With the Division I S/C we will establish shared strategic goals for Division I to align the division's vision and direction.
- **Igniting Collaborative Initiatives:** Among other initiatives, I propose to establish a joint education program for developing countries to foster young generations, especially in high schools.
- **Cultivating Interdisciplinary Exchange:** Launch a co-sponsored conference on Climate Change Mitigation, with accepted papers published in Division I's Open Access Journals.
- **Enhancing IEEE Membership Value:** Provide more resources and services to local chapters and student branches, enhancing the benefits of IEEE membership.
- **Establishing Joint Fund for Long-Term Impact:** Explore the creation of a joint fund within the IEEE Foundation to support long-term initiatives for Division I.
- **Enhancing Diversity and Inclusiveness:** I will encourage outreach programs targeting underrepresented groups, regions, and women to promote diversity and inclusiveness within Division.
Major Accomplishments as CASS President during the pandemic:

**Online Micro Learning:** Worked closely with experts to develop high-quality online micro learning resources. This enabled students and professionals to continue their professional development despite the pandemic.

**Virtual Distinguished Lectures Program:** Organized virtual Distinguished Lecture series featuring industry and research experts to discuss the latest developments and relevant challenges in the field of CASS.

**Creation of CASS Institute for Global Education:** The first initiative was an outreach project dedicated to Global Education. The initiative won the 2023 IEEE EAB Society/Council Professional Development Award.

**Africa Initiative:** Many initiatives related to education and membership development were initiated and are still running in Africa. The outcome so far is the formation of 3 CASS Chapters in Africa.

**International Covid-19 Entrepreneurs Contest:** The challenge was to propose solutions to overcome the impact of the Covid-19 pandemic.

**COMMITTEES/BOARDS: (IEEE Major Boards and Committees)**
- 2017: Member, IEEE Conference Finance Management Remediation Ad-Hoc Committee
- 2020-2021: Member of IEEE Division I Board
- 2020-2021: Member, IEEE Technical Activities Board
- 2023-2024: Member, TABARC

**SOCIETY:**
- 2018-2019: President-Elect, IEEE CAS Society
- 2020-2021: President, IEEE CAS Society
- 2022-2023: Past-President, IEEE CAS Society
- 2014-2017: VP Conferences, IEEE CAS Society, Chair of ISCAS Steering Committee
- 2008-2013: Member, CASS Board of Governors serving in the Conference Division

**REGION:**
- 2011-2013: Region 8 Board of Directors
- 2011-2012: Region 8 Chapters Sub-Committee Chair
- 2012: Host of the Region 8 Board of Directors Annual Meeting in Monaco

**SECTION/CHAPTER:**
- 2014-2016: IEEE France Section Chair
- 2000-2004: IEEE CASS France Chapter Chair
- 1999-2010: IEEE France Section Membership Development Vice-Chair
- 1999: Co-founder of IEEE CASS France Chapter

**CONFERENCES: (CASS Major Conferences)**
- General Chair of ISCAS 2024 to be held in Singapore
- General Chair of IEEE ISCAS 2010 held in Paris (1400 participants)
- General Chair of ISICAS 2021, Singapore, Chair of the Steering Committee
FERNANDO J. GUARIN  
(Nominated by IEEE Division I) 

IBM (Retired 2015)  
Senior Member of Technical Staff  
GlobalFoundries (Retired 2022)  
Distinguished Member of Technical Staff  
New York, USA  

Fernando Guarin earned his BSEE from Universidad Javeriana, MSEE from University of Arizona, and Ph.D. from Columbia University. He was a Military and Aerospace Operation Memory/Logic Engineering Manager for National Semiconductor Corporation (1980-1987.) He joined IBM in 1988, worked in the reliability physics and modeling of Advanced Bipolar, CMOS and Silicon Germanium BiCMOS technologies, was technical leader for the qualification of IBM’s: 180nm, 130nm, 65nm, 45nm, 28nm, 14nm, SiGe7HP, SiGe 8HP technologies, and led the IBM 14nm Silicon on Insulator (SOI) Qualification Team at the IBM Microelectronics Semiconductor Research Development Center (SRDC). He retired from IBM after 27 years as a Senior Member of Technical Staff. From July 2015 until July 2022, he served as Distinguished Member of Technical Staff at GlobalFoundries leading 5G RF qualification. After 42 years in the semiconductor industry, he holds ten US-patents, one Trade-Secret, authored/coauthored 160+ published papers, four book chapters, and four IRPS Tutorials.  

Statement  

I will strive to maintain IEEE as the premier Engineering organization in the world and to make all Division I Societies and Councils an example of collaboration and achievements at all levels. My main goal will be providing added value to our members. Expanding outreach activities from primary school all the way to our Ph.D. and Professional members. I will create an environment where all the Division I Societies collaborate on educational activities, replicating each other’s best practices. Also unify humanitarian activities working actively with IEEE Humanitarian Technologies Board (HTB) and IEEE Smart Village (ISV) to tackle larger projects. I will work to create opportunities across societies and councils to use the newly created opensource Foundry platforms, starting with Google 130nm and GlobalFoundries 180nm to enable our members access to low-cost IC fabrication and training in Chip design. Balance industry/academic engagement and participation, promote recognition of members at all levels. Encourage recruitment and retention on members across all regions of the world and strive for a well-balanced geographical and gender inclusion at all levels.
Accomplishments:

- Creator of EDS-STEM outreach-program EDS-ETC, reaching over 15,000 children worldwide
- During my tenure as EDS President, I started the EDS Humanitarian-Committee and initiated funding of EDS humanitarian-projects, funding close to $3M in projects in all world regions. I started the first IC-design contest in 2020 and recently helped create the Latin Practice IC Design Initiative
- Member of IEEE for 36 years
- Elevated to the grade of IEEE Fellow in 2008, and Life Fellow in 2021
- Chair of IEEE Smart Village (ISV) Board of Governors 2022-2023
- **Recipient of the IEEE Educational Activities Board EAB Meritorious Achievement Award in Outreach and Informal Education 2014**
- IEEE Electron Device Society (EDS)
  - President 2018-2019
  - President-Elect 2016-2017
  - Junior Past President 2020-2021
  - Senior Past President 2022-2023
  - EDS Secretary in 2011 and re-elected in 2013
  - EDS Board of Governors in 2008-2011 and re-elected in 2011-2014
  - Chair of the Education Activities Committee 2010-2011
  - EDS Distinguished Lecturer since 2005
- Chair of EDS Mid-Hudson Valley Chapter 2005-2011

Conference Involvement:

- Creator and Management Committee Member for the Latin American Electron Devices Conference (LAEDC) from 2019-2023
- IEEE Electron Devices Technology and Manufacturing Conference (EDTM), EDTM 2017-2023 Steering Committee Member
- IEEE International Conference on Distributed Computing Systems (ICCDCS)
  - ICCDCS 2014 General Chair
  - ICCDCS 2004 Conference Electron Devices Vice-Chair
  - ICCDCS 2008 Quality and Reliability Vice-Chair
  - ICCDCS 2002 Conference US and Canada Vice-Chair
- IEEE Symposium on Microelectronics Technology (SBMicro), Program Chair SBMICRO-Brazil 2013
- General Chair IEEE Andescon/Latincom 2010
- IEEE Advanced Workshop on Frontiers in Electronics (WOFE), WOFE 2007 Program Committee Member
- IEEE Topical Meeting on Silicon Monolithic Integrated Circuits in RF Systems (SiRF)
  - SiRF 2005 Program Committee Member
  - SiRF 2004 Program Committee Member
For IEEE Division Delegate-Elect/Director-Elect, 2025
IEEE Division Delegate/Director, 2026-2027
IEEE Division III (Communications)

XUEMIN "SHERMAN" SHEN
(Nominated by IEEE Division III)

University Professor
Department of Electrical and Computing Engineering
University of Waterloo
Waterloo, Ontario, Canada
https://uwaterloo.ca/scholar/sshen

Xuemin (Sherman) Shen is a University Professor in the University of Waterloo, Canada. He published 36 monographs, 900 journal papers and 680 conference papers in wireless networking and network security, with 99,000 citations and an H-index of 153. He mentored 83 PhD and 51 MASc students, and 52 postdoctoral fellows. Forty-two of his trainees are professors in universities around the world. He received the Canadian Award for Telecommunications Research from the Canadian Society of Information Theory, James Evans Avant Garde Award from IEEE Vehicular Technology Society, R.A. Fessenden Award from IEEE Canada, Education Award and Joseph LoCicero Award from IEEE Communications Society, and Innovation Award from 2016 TechConnect World Innovation Summit. He is a Fellow of the IEEE, Royal Society of Canada, Canadian Academy of Engineering, and Engineering Institute of Canada, an International Fellow of the Engineering Academy of Japan, and a Foreign Member of the Chinese Academy of Engineering.

Statement

IEEE Communications Society (ComSoc) has been doing great to create cutting-edge communications technologies and to serve our members through well-established platforms and extensive activities. However, it is now facing new challenges due to dynamics in the technical areas and the additional needs of our members. If elected as the Division III Director, Professor Shen will work passionately with ComSoc Board of Governors (BoG) and the IEEE Board of Directors (BoD) to tackle the challenges, in order to:

- Further enhance ComSoc’s profile, and strengthen the communication channel between ComSoc and IEEE BoD
- Provide better services and more benefits to ComSoc members via new initiatives and programs
- Intensify industry participation in our technical activities, standards, and practices
- Promote equity, diversity, and inclusion (EDI) in our leadership/volunteer positions, and address the under-representation of various geographical regions in our membership base
- Enhance ComSoc’s leading role in telecommunications by promoting the excellence of our periodicals, conferences, standards, and online content
Recognize our members’ achievements and contributions, and provide strong mentorship to our junior members for their career progression and professional development.

IEEE Accomplishments and Activities
(M’97-SM’02-F’09)

Leadership positions:

- ComSoc Past President, 2024
- ComSoc President, 2022-2023
- ComSoc President-Elect, 2021
- ComSoc Vice President, Technical and Educational Activities, 2020
- ComSoc Vice President, Publications, 2018-2019
- ComSoc Board of Governors Member-at-Large, 2014-2016
- ComSoc Distinguished Lecturer Selection Committee Chair, 2014-2015
- ComSoc Wireless Communications Technical Committee Chair, 2011-2013
- Editor-in-Chief, IEEE IoT Journal, 2017-2019
- Editor-in-Chief, IEEE Network, 2012-2015
- Area Editor, IEEE Transactions on Wireless Communications, 2006-2009
- Chair, Steering Committee for IEEE/CIC ICCC, 2015, 2018-2023
- Technical Program Chair, IEEE GLOBECOM, 2007, 2016, 2024
- Technical Program Co-Chair, IEEE INFOCOM, 2014
- Technical Symposia Chair, IEEE ICC, 2010
- Technical Program Chair, IEEE VTC, 2010

Major accomplishments:

1. As the President of IEEE ComSoc in 2022-2023, increased ComSoc member base, enhanced healthy ComSoc budget, launched standards seminars across all Technical Committees, developed the Young Professionals Training and Student Education Program.

2. As the Vice President for Technical and Educational Activities of IEEE ComSoc in 2020, established the Ad Hoc Committee for restructuring technical committees to enhance joint academic and industrial activities and increase working efficiency of the committees.

3. As the Vice President for Publications of IEEE ComSoc in 2018-2019, successfully launched the IEEE Open Journal of Communications Society (OJ-COMS), which has received an impact factor of 7.9 in June 2023.

4. As the Editor-in-Chief of IEEE Internet of Things Journal in 2017-2019, significantly improved the reputation and grew the journal with impact factor increased from 5.874 to 9.471 and annual submission number increased from 663 to 3,466.

5. As the Technical Program Chair (TPC) of 2014 IEEE INFOCOM, 2016 and 2007 IEEE GLOBECOM, developed and implemented the inspiring and solid technical programs that resulted in great success of the conferences with large numbers of paper submissions.
Sarah Kate Wilson earned her A.B. from Bryn Mawr College in Mathematics in 1979 and her Ph.D. from Stanford University in Electrical Engineering in 1994. She has worked in both industry and academia. She is a Professor Emerita of Electrical and Computer Engineering at Santa Clara University. She has served as an Associate Editor for *IEEE Transactions on Wireless Communications*, *IEEE Communications Letters* and *IEEE Transactions on Communications* and the Editor-in-Chief of *IEEE Communications Letters*. She served as the Director of Journals 2012-2013 and the Vice-President of Publications 2014-2015 for the IEEE Communications Society. She has served as the Chair of the IEEE Teaching Awards Committee and is currently serving on the IEEE Society and Council Review Committee. She was awarded the IEEE Communications Society Joseph LoCicero Award for Exemplary Service and won the 2018 IEEE Education Society Harriet Rigas Award “for excellence in communications engineering, education and promoting equity.”

**Statement**

From my work with IEEE and IEEE Communications Society, I have seen what societies and councils have done to improve their respective organizations. I have also learned that improvement requires not only finding areas that need work, but acknowledging the good work that has been done.

If elected, I will represent Division III’s interest and work to improve Division III and IEEE. The issues involved in any large society such as ours are complex and require investigation, discussion, and planning. They are important and should be addressed. Some of these issues include: Open Access Publication revenue, conference planning and attendance, and diversity in our membership and leadership positions.

I will work with the board to evaluate current issues and determine the best course forward. I will listen to members' concerns about the future of our society.
IEEE Accomplishments and Activities
(M'87-S'91-M'95-SM'99-F'14-LF'24)

Elected Leadership Positions:
- Vice President of Publications for the IEEE Communications Society, 2014-2015
- IEEE Communications Society Board of Governors as a Member-at-Large, 2010-2012

Appointed Leadership Positions:
- Chair of the ComSoc DEI Committee, 2024-Present
- Secretary of the IEEE Systems Council, 2023-Present
- General Co-chair (with Andrea Goldsmith of Stanford University) of the IEEE Wireless Communications and Networking (WCNC) 2017, San Francisco
- Chair of the IEEE Teaching Awards Committee 2013-2014
- Director of Journals, IEEE Communications Society, 2012-2013
- Chair of the Women in Communications Engineering (WICE) Committee for the IEEE Communications Society, 2011-2012
- Editor-in-Chief of IEEE Communications Letters, January 2009-December 2011

IEEE and Communications Society committee work:
- Member of the IEEE Conference Organization Integrity Committee, 2023-Present
- Member of the IEEE Communications Society Nominations and Elections Committee, 2023-Present
- Member of the IEEE Communications History Committee, 2022-2023
- Member of the IEEE Society and Council Review Committee, 2021-Present
- Member of the IEEE Conference Committee, 2020-2021
- Member of the IEEE Communications Society Awards Committee, 2010-2012, 2019-2021
- Member of the Ad Hoc IEEE Conference Open Access Committee, 2018-2020
- Member of the IEEE Conference Publications Committee, 2018
- Member of the IEEE Communications Society Wireless Communications and Networks (WCNC) Steering Committee, 2018-Present
- Member of the IEEE Awards Board Nominations and Appointments Committee, 2016-2018
- Member of the IEEE Industrial Innovation Award Committee, 2014-2016
- Member of the IEEE Teaching Awards Committee, 2011-2012; Past Chair of the Committee 2015
- Member of the IEEE Communications Society, ComSoc 2020 Committee
- Member of the IEEE Communications Society Board for On-line Content 2010-2012
Leila De Floriani is a professor at the University of Maryland at College Park. Previously she was a professor at the University of Genova, Italy, and held positions at Rensselaer Polytechnic Institute, University of Nebraska, and the Italian National Research Council. De Floriani has authored over 300 peer-reviewed publications in data visualization, computer graphics and spatial data science. She is an editor of several top journals in her field, and served on committees of over 150 international conferences, contributing to several of them in leadership positions. She is the IEEE Division VIII Director, served as the 2020 IEEE Computer Society (CS) President, and as Editor-in-Chief of the *IEEE Transactions on Visualization and Computer Graphics (TVCG)*. She is a Fellow of IEEE, of Eurographics, of the International Association for Pattern Recognition, an IEEE Visualization Academy inducted member, an IEEE-HKN member, a Solid Modeling Association Pioneer, and a CS Golden Core awardee.

**Statement**

IEEE is a global leader in science and technology. Several challenges must be addressed for ensuring a continued growth building on its many strengths:

- Define new strategies for engaging and effectively serving the diverse IEEE member community, through personalized focus and benefits, concentrating on the young generation and the needs of members all over the world.
- Strengthen cooperation across IEEE units and extensively promote collaborations to concentrate efforts on new professional trends and societal challenges as well as technological innovations across the multi-facet units and its volunteer base.
- Maintain and strengthen the consistent focus on diversity and inclusion, by promoting membership through outreach strategies and involving underrepresented groups as volunteers in publications, conferences, and governance.
- Lead in open science, by developing sustainable business models for open access, rethinking, and innovating the services offered, and enhancing activities in research reproducibility.

I believe I am uniquely positioned to address these challenges, if elected, by drawing on my professional background and my current and past experience in IEEE and in the Computer Society.
IEEE Accomplishments and Activities
(A’09-M’09-M’12-M’13-M’14-SM’15-F’16)

Major IEEE Accomplishments:

- **Member and volunteer engagement:** As CS President, developed a novel recognition program to honor society members, a multilingual website’s translation project, a volunteer satisfaction assessment initiative.

- **Focus on technical quality:** As TVCG editor-in-chief, doubled journal impact factor, highly increased paper submissions and expanded TVCG presence in digital reality; as CS President, started a successful journal in artificial intelligence in cooperation with other societies.

- **Open science and open access:** expanded the CS open access journal portfolio, played a leading role in conference open access also as Conference Committee member and had a constant focus on research reproducibility as CS President, through an ad-hoc task force, as IEEE PSPB member, and as TVCG editor-in-chief.

- **Diversity and inclusion:** As CS President, created a permanent committee on Diversity and Inclusion (D&I) and a dedicated fund that has supported many D&I projects by the members; developed several D&I initiatives, including best practices for conferences and publications.

- **Governance:** restructured CS governance to enhance bottom-up participation of volunteer leaders in decision-making, thus making the organization more transparent and responsive to its members.

- **Financial sustainability:** When CS President in 2020, a year of unprecedented challenges, the CS generated a high budget surplus, nearly doubling its reserves.

Selected IEEE Activities:

- Division VIII Director/Delegate (2023-Present); Director-Elect (2022)
- Publication Services and Products Board - PSPB (2023)
- Conferences Committee (2021-2023)
- Conference Publications Committee (2021)
- CS President (2020); President-Elect (2019); Past-President (2021)
- CS Diversity and Inclusion Committee, Founding Chair (2020-2021)
- CS Nomination Committee, Chair (2021)
- CS Constitution and Bylaws Committee, Chair (2019)
- CS Audit Committee, Chair (2018)
- CS Fellow Evaluation Committee, Vice-Chair (2017-2018)
- CS Board-of-Governors (2017-Present)
- Ad-Hoc Committee on Conference Open Access (2021-Present)
- Ad-Hoc Committee on Leadership Continuity & Efficiency (Present)
- Ad-Hoc Committee on Coordinating IEEE’s Response to Multimedia-Based Digital Reality Technologies (2023)
- IEEE TVCG, Editor-in-Chief (2015-2018); Associate Editor (2004-2008)
JEAN-LUC GAUDIOT
(Nominated by IEEE Division V)

Distinguished Professor
Department of Electrical Engineering and Computer Science
University of California, Irvine
Irvine, California, USA
http://pascal.eng.uci.edu/JLG4DD

Jean-Luc Gaudiot is Distinguished Professor of Electrical Engineering and Computer Science at the University of California, Irvine, where he was Department Chair for six years. Prior, he was Professor at the University of Southern California. He received a PhD in Computer Science from UCLA in 1982. He is a Fellow of IEEE and AAAS, an IFIP Silver Core Member, and a Professional Member of Eta Kappa Nu.

He was 2017 IEEE Computer Society President, Editor-in-Chief and Editorial Board member of several journals as well as a leader of many conferences. He has been a major participant in technology forecasting (Predictions 2024 and 2023 International Roadmap for Devices and Systems).

His many contributions to the architecture of multiprocessors, the design of autonomous driving systems, hardware security, etc., have been published in over 300 articles and books. His research has been sponsored by NSF, DoE, and DARPA, as well as industrial organizations.

Statement

Opening communities, facilitating the production, transmission, and consumption of information, responding to the changing needs and expectations of our members, and crucially, promoting an inclusive reach have been the bedrock on which my service to the Computer Society has been anchored. If elected, I will continue applying these principles and, specifically, I will prioritize several goals:

• Continue work on technology predictions and use the resources of our society to identify upcoming technologies such as AI to support the community with new products including video delivery and press releases.
• Enhance communication and coordination between the CS and other IEEE units, focusing on approaches to membership growth favoring cross-society fertilization.
• Seek innovative ways to reach diverse members and improve member engagement, extending outreach to underrepresented groups, students, and established professionals.
• Adapt our offerings to the geographical variety of our membership.
• Apply new tools to enhance the availability of technical information, including the exploration of opportunities for new product development (e.g., hybrid conferences, Open Access) and exploitation of advances in AI-based technologies.
IEEE Accomplishments and Activities
(S’75-M’82-SM’90-F’99-LF’20)

IEEE Membership Activities:
- TAB Ad Hoc Committee on Multiple Society Discount Program Chair (2021-2022): In this position, I promoted inter-society synergies. This has given me a deep understanding of the delicate interactions between Societies, Councils, and TAB.

Computer Society Activities:
- Computer Society President (2017)
  • Led the Society through an intense year of reforms, from operations to budget issues, leading to a sustainable solid financial situation.
  • Initiated activities in emerging technologies (Cybersecurity, BlockChain, etc.)
  • Engaged global membership with an emphasis on diversity, equity and inclusion
- Member, Board of Governors (2010-2012, 2013-2015)
- Chair, Technical Committee on Computer Architecture (2 terms)
- Member, IEEE ACM/CS Eckert-Mauchly Award Committee (chair one year)

Publications:
- Computer Society Publications Board
  • Chair of the Transactions Operations Committee and Magazine Operations Committee (2010-2011)
  • Vice President of the Publications Board (2014-2015): Oversaw the operations of a total of 12 Magazines and 14 Transactions and initiated several projects including Journal First – Conference Second and Versioning.
- TAB Periodical Committee (2020-2023). Contributed to multiple committees and chaired:
  • Open Access EIC Best Practices
  • Use of AI Tools for Reviewer selection
  • Submission process standardization
- Co-founder and first Editor-in-Chief of IEEE Computer Architecture Letters
- Editor-in-Chief of IEEE Transactions on Computers
- Member, Editorial Board of multiple journals (IEEE TC, Parallel Processing Letters, etc.)

Conferences:
- Co-founder of the IEEE-CS/ACM Parallel Architectures and Compilation Techniques (PACT) conference
- Steering Committee member of several conferences (PACT, NPC, HPCA, SBAC-PAD)
NOEL N. SCHULZ, PhD  
(Nominated by IEEE Division VII)

Bob Ferguson Endowed Professor  
Inaugural Director, Institute for Northwest Energy Futures (INEF)  
Washington State University (WSU) Tri-Cities  
Richland, Washington, USA  
www.noelnschulz.com

Noel Schulz received her BSEE and MSEE degrees from Virginia Tech and her PhD from the University of Minnesota. She has been active for over 30 years in teaching, research and service at six U.S. Universities, joining WSU in 2016. Her research interests include integration of distributed energy resources and intelligent system applications in power system planning, control and operations. She was the US administrative lead for the US Department of Energy funded $30M UI-ASSIST project involving 16 US partners and 15 Indian partners. She is a Fellow of IEEE and the American Society for Engineering Education.

Dr. Schulz served 12 years on the IEEE Power & Engineering Society (PES) Governing Board including two years, 2012 and 2013, as PES President. In addition to her technical activities, Dr. Schulz has been very involved in activities related to the recruitment, retention and advancement of women students and professionals in STEM fields.

**Statement**

Many of today’s pressing engineering challenges and opportunities are in power and energy areas. These issues are complex and require collaborative, crosscutting solutions. IEEE PES has an opportunity to expand our impact through the additional coordination across IEEE and other worldwide organizations. Our IEEE PES mission is “To be the leading provider of scientific and engineering information on electric power and energy for the betterment of society, and the preferred professional development source for our members.” I believe in this mission and will work to represent PES and its strategic goals within IEEE.

As IEEE Division VII Director, I would coordinate with PES leaders and members to identify ways to expand our activities, collaborations, and impact across IEEE technical activities as well as membership and geographic activities in the spirit of IEEE’s core purpose, “to foster technological innovation and excellence for the benefit of humanity.” IEEE PES is about people – providing solutions in the power and energy space for the betterment of society and providing professional development resources for PES members working towards these solutions.
IEEE and IEEE Power & Energy Society (PES) have been Dr. Schulz’ technical home for over 38 years. She joined IEEE as an undergraduate EE student. She has been an active IEEE volunteer leader for almost 30 years and has been recognized by several IEEE awards as shown below.

She spent 12 years on the IEEE PES Governing Board serving as secretary and treasurer as well as President-Elect, President, and Past-President. With this volunteer leadership experience, she understands the IEEE structure, the collaborations across Societies, financial structure of PES and IEEE, needs across a diverse worldwide membership and opportunities with publications, conferences, and programs that provide professional development for PES members.

Awards:
- IEEE Women in Technology & Leadership Award, 2023
- IEEE Fellow, 2016
- IEEE Hewlett-Packard/Harriet B. Rigas Award, recognizing outstanding faculty women who have made significant contributions to electrical/computer engineering education, 2014
- IEEE PES Walter Fee Outstanding Young Engineer Award, 2002

Activities:
- IEEE, Member 1985-Present; Fellow, 2016-Present; Senior Member, August 2000-2015
  - Member, IEEE Technical Activities Board & Society Presidents Forum, 2012-2013
  - Evaluator, IEEE Accreditation Board of Engineering and Technology (ABET) 2001-2009
  - Member, IEEE Technical Activity Board (TAB) Award Committee, 2001-2003

- IEEE PES
  - Chair, Award & Recognition Committee, 2000-2003
  - Member, Power & Energy Education Committee, 1996-Present
  - PES Representative for the IEEE Intersociety Committee on Electric Ships, 2005-2009
  - Organizer of various PES Women in Engineering/Women in Power Events, 1997-Present
HONG CHEN
(Nominated by IEEE Division VII)

Principal Engineer
PJM Interconnection
Audubon, Pennsylvania, USA

Dr. Hong Chen is a visionary leader who has been actively leading IEEE PES Technical Activities at various capacity for the past three decades. Through chairing task forces, Technical Committees, and the Technical Council, serving as Vice President of Technical Activities at the PES Governing Board, she has achieved numerous notable accomplishments.

Dr. Chen is a well-known practitioner on electricity market and power grid operation risk mitigation. In the past two decades, she led the development of many power grid control room applications which have achieved billions of dollars’ savings in energy markets. Following her passion for technology innovation, Dr. Chen also serves as an industry advisor for many R&D projects at National Science Foundation, Department of Energy, and Power Systems Engineering Research Center.

Hong obtained her Bachelor and Master degrees from Southeast University in China and her Ph.D. degree from University of Waterloo in Canada.

Statement

As Division VII Director, I will work closely with PES members, Technical Committees, and the Governing Board in promoting PES’ leadership in the overall IEEE technical innovation. PES not only holds the core technologies that light up the world, but also plays a pivotal role in the fight against climate change. PES is a world-renowned think tank which encompasses more than 42,000 experts and professionals around the world. Together, we are a strong community to foster global collaboration towards a net-zero future. In this position, I will devote my time and effort to highlight PES contributions in IEEE and support the ongoing transformation of our industry.

PES holds nearly 50% of IEEE standards and we have the opportunity to do more. I will voice PES interests, grow PES’ leadership, enhance our society’s impact, and strengthen cross-societal collaboration in IEEE, working together towards the betterment of society. In this critical role, I’ll continuously improve the synergy between industry and academia, promote young professionals and Women in Power, and highlight PES’ global presence as a technology leader.
Accomplishments:

1. From 2022 to 2023, Hong led Technical Committees in development or revision of over 120 IEEE Standards and approved over 30 technical reports, alongside many tutorials, webinars, workshops, and General Meeting technical programs.

2. Dr. Chen championed the move of Satellite Technical Committees from Chapters Council to Technical Activities in 2022, improving PES governance and interaction, increasing visibility, and providing support to local volunteers.

3. Hong has been leading the first PES Technical Roadmap in close collaboration with IEEE Technology Roadmaps Committee since 2023. The technical report will be published in summer 2024.

4. In promotion of global collaboration, Dr. Chen initiated a joint technical report and joint conferences between IEEE PES and CIGRE in 2023.

5. In support of PES committee structure reorganization to meet the transformational needs of the power industry, Dr. Chen led the establishment of Power System Operation, Planning and Economics committee (PSOPE) in 2014-2016, and served as its first Chair in 2017. PSOPE received Technical Committee of the Year Award.

6. "For contributions in leading strategic technology development in PES and power grid operation", Hong received 2024 IEEE PES Wanda Reder Pioneer in Power Award.

Activities:

- Chair of PES Technical Council Awards Committee (2024-Present)
- Chair of PES External Proposal Management Committee (2024-Present)
- Technical Program Chair of 2025 PES Grid Edge Conference & Expo
- IEEE Technical Activities Future Direction Committee (2023-Present)
- Vice President of PES Technical Activities (2022-2023)
- PES Technical Council: Chair (2022-2023); Vice Chair (2020-2021); Secretary (2018-2019)
- Founding Chair of PES Power System Operation, Planning and Economics Committee (2016-2017)
- PES Power System Operations Committee: Chair (2015-2016); Vice-Chair and TCPC (2013-2014); Secretary (2011-2012)
- Chair of IEEE Task Forces (2009-Present)
Christopher J. Whitt (Nominated by IEEE Division IX)

Principal Consultant
Whitt Consulting
Halifax, Nova Scotia, Canada

Christopher Whitt (S’95, M’03, SM’16) is the Senior Engineering and Safety Consultant appointed by Lloyd’s Register Foundation to support the UN Ocean Decade Coordination Unit. Lloyd’s Register Foundation aims to engineer a safer world by reducing risk and enhancing safety in critical infrastructure through research, technology acceleration, education, and public outreach.

Previously, Christopher was the Ship Signature Engineer at Irving Shipbuilding, responsible for the new Canadian frigate program’s noise, RF, IR, and EM signatures. Earlier, Christopher was a project engineer and project manager at JASCO Applied Sciences, where he was involved with many wide-scale ocean acoustic monitoring projects, particularly in the Arctic. Christopher is a registered professional engineer (P.Eng.) in Nova Scotia. He completed his undergraduate (B.Eng. 2000) and graduate degrees (M.Eng. 2010) at Memorial University in St. John’s, NL, Canada. In addition to ocean engineering, Christopher has broad personal interests, including sustainability, music, aviation, and sports.

Statement

Division IX Societies have the incredible opportunity to lead IEEE in collaboration between Societies and lead impact for humanity at large. We have strong conferences, journals and research output, and also engage many industry stakeholders across large technology fields. Research and industry continue to become more interdisciplinary. As Division IX Director, I will continue the work I began as the IEEE Oceanic Engineering Society President to connect more of the activities and opportunities between the Societies in our Division. Stronger collaboration will bring more engagement and member value. Simultaneously, a Division Director must advocate for the best interest of the entire organization, and my track record of involvement across many Organizational Units shows that I have the perspective to balance the needs of members across our Division and across IEEE. My main asset is my optimism. Diligent effort and capable teams can find continuous improvements to increase both member value and IEEE operational efficiency. As Division IX Director, I will strengthen IEEE’s ability to sustain itself as an organization and serve our members.
In my first term as the IEEE Oceanic Engineering Society (OES) President, I updated the OES Constitution and Bylaws to reform our ExCom, created a new strategic plan, engaged new volunteers, and started an initiative to engage OES with UNESCO’s Decade of Ocean Science for Sustainable Development, and created new links between OES, other IEEE Organizational Units (OUs), and new external partners. I was Program Chair for Sections Congress 2020 and worked with committees and staff from many OUs to create a well-organized and balanced program touching nearly all aspects of IEEE. I was lead author on an Ocean Obs 19 Community White Paper (entirely on volunteer time, unrelated to employment) on the future of autonomous systems in the ocean, which brought together the contributions of 20 technical experts from OES and other institutions to sustain OES’s connection and contribution to the larger Ocean Observation communities.

As Region 7 (Canada) Secretary I supported Region operations and meetings for two years. As a VoLT Class of 2014 graduate, I gained broad IEEE knowledge.

- TAB Hall of Honor Selection Committee (2022-Present)
- IEEE Oceanic Engineering Society President (2021 - 6 March 2024)
- TAB/PSPB Products & Services Committee (2022-2023)
- Sensors Council, OE Society Representative (2021-2023)
- MGA Sections Congress Committee Program Committee Chair (2019-2021)
- IEEE Oceanic Engineering Society Administrative Committee (2019-2020)
- Canada - Region 7 Secretary (2019-2020)
- Canada - Region 7 Electronic Communications Coordinator (2018 - 28 February 2019)
- Canada - Region 7 Area East Chair (2017-2018)
- Canadian Atlantic Section Past Chair (25 November 2016 - 31 December 2017)
- Canadian Atlantic Section Chair (2015-2016)
- Canadian Atlantic Section Vice-Chair (2015)
- Canadian Atlantic Section Treasurer (5 August 2013 - 19 June 2015)
- Canadian Atlantic Section Secretary (1 January 2013 - 4 August 2013)
- Canadian Atlantic Section, OE22 Chapter Secretary (2018-Present)
- Canadian Atlantic Section Jt. Chapter, SP01/MTT17 Chapter Chair (2017-Present)
CRISTINA OLAVERRI-MONREAL
(Nominated by IEEE Division IX)

University Professor
Head Intelligent Transportation Systems Department
Johannes Kepler University
Linz, Austria
http://cristinaolaverri.com/

Cristina Olaverri-Monreal earned a Master's degree in Computational Linguistics, Computer Science and Phonetics from the Ludwig-Maximilians University Munich, Germany and a PhD in collaboration with BMW in 2006. From 2005 to 2008, she worked as a research associate at the University of California in Davis and as an internationalization engineer at Lionbridge Technologies in Boulder, Colorado, USA. She also held research associate positions at the University of Porto, Portugal and at the Technische Universität München, Germany from 2009 to 2011 and 2012 to 2014, respectively. In 2015, she led a research group at the Austrian Institute of Technology, as a Senior Scientist. She then became the head of the competence team Intelligent Technologies Smart Cities at the University of Applied Sciences Technikum Wien. Since 2018, she has been a full professor at the Johannes Kepler University, Linz, Austria, holding the BMK endowed Professorship and Chair for Sustainable Transport Logistics 4.0.

Statement

As Division IX Director, my highest priority will be to engage with the Societies/Councils, facilitating communication and collaboration to advance TAB activities. To enhance the promotion of board activities, I am committed to engaging in member and volunteer recruitment while upholding principles of honesty, integrity, and high ethical standards. In addition, I will actively engage in meetings, showcasing my knowledge of TAB governing documents. Through an effective analysis and a comprehensive understanding of IEEE's interests, values, governance, finances, and strategic direction, I will contribute to decision-making processes and help shape IEEE future direction. Moreover, I will engage in promoting diversity, equity, and inclusion within IEEE, identifying, nominating, and mentoring candidates for higher volunteer positions.

I possess excellent communication skills, adhere to deadlines, and am proficient in Robert’s Rules of Order. Supported by my employer and previous volunteer experience, I am dedicated to serving IEEE’s objectives focusing on strategic issues, handling sensitive situations confidentially. By electing me as Division IX Director, you can trust in my dedicated and ethical service towards IEEE’s mission and goals.
Prof. Olaverri has been actively involved in IEEE leadership, serving on the IEEE Transportation Technologies Award Committee from 2018 to 2021. In 2019, she founded and currently chairs the Austria Section Chapter, ITS38. She was the 2022-2023 President of the IEEE Intelligent Transportation Systems Society (ITSS), and chaired the ITSS Nominations & Appointments and Long Range Planning committees. She represented the ITSS in Women in Engineering for the past five years and received the 2023 IEEE MGA Diversity & Inclusion Award.

During her previous position as Vice-President of ITSS Educational Activities, she received the 2017 IEEE Educational Activities Board Meritorious Achievement Award in Continuing Education. She serves as a senior editor of the *IEEE Transactions on ITS* and an associate editor of the *IEEE ITS Magazine*. She also chairs since 2015 the ITS Technical Activity Committee Human Factors in Intelligent Vehicles, which received the "best TAC of the IEEE ITSS" award in both 2018 and 2019.

Since 2012, she has organized the IEEE ITS Workshop on Human Factors as part of TC activities. In celebration of its anniversary, she edited the book "*Human Factors in Intelligent Vehicles*" for the River Publishers Series in Transport Technologies. Currently, she serves as a distinguished lecturer for IEEE Robotics and Automation and the Intelligent Transportation Systems Society.

Regarding IEEE ITSS conferences, she was the general chair of the IEEE ICVES 2017 conference in Vienna, Austria, the program co-chair for the 2019 IEEE IV in Paris, France, and for the 2015 IEEE ITSC in Las Palmas de Gran Canaria, Spain. Since 2012, she is a member of the international program committee in ITSS conferences and tutorials and workshops chair for the 2018 IEEE ITSC and the IEEE IV 16. She has been a member of the awards committee multiple times for the ITS Society’s flagship conferences.
As the grandson of two renowned engineers, you could say Philip’s interest in electrical engineering was predetermined. What wasn’t predetermined was how Philip would carve out his own path to become a leader and expert in his field.

After graduating from the University of Illinois with a bachelor’s in Electrical Engineering, Philip worked for Sargent and Lundy in Chicago, designing power plants across the world. He later obtained a master’s degree in Energy Engineering.

Philip is a Director at Burns Engineering and an industry leader in Distributed Generation and Renewable Energy. Projects include microgrids, combined heat and power plants, EV Charging, battery energy storage, and solar power generation.

Philip was distinguished as the Delaware Valley and IEEE Philadelphia Young Engineer of the Year, a CSE 40 under 40 awardee, and ENR MidAtlantic 40 under 40 recipient. He resides in Philadelphia with his wife and young daughters (Future IEEE Members).

Statement

This election is critical as the candidate will serve during the combination of Regions 1 & 2. Through my extensive leadership in Section, Region, and USA level, I have the experience and vitality to guide the regions forward.

Key Strategies

- **Industry.** Membership continues to decline within industry, as “value” has not been as visible as academia. I personally let mine lapse after college, as I did not see the benefits. We need to convince members that we can provide job opportunities - and convince companies that we can bridge the training gap. This is the only way we can stay relevant.

- **Outreach.** It’s been a topic every year, but outreach to younger members is how we survive. I became a member in college and clearly see how IEEE has helped me. My employment was attained through IEEE – and I was even married by a member. I clearly see the value and can communicate this effectively.

Now is the time to try new things, learn from others, and be willing to change what hasn’t.
IEEE Accomplishments and Activities
(S’04-M’07-GSM’09-M’09-SM’14)

IEEE-USA Volunteer Contributions

• **IEEE-USA Treasurer**
  - Successfully managed IEEE-USA finances, maintained and developed budgets, and ensured reporting compliance with IEEE Financial Operations Manual.
  - Served on IEEE Finance Committee

Region 2 Volunteer Contributions

• **Region 2 Treasurer**
  - Managed Region accounting for over four years
  - Ensured timely support to region conferences and outreach activities
  - Assisted with financial planning for Section's Congress
  - Oversaw implementation of NextGen financial suite
  - Assisted Section treasurers with new accounting systems

• **East Area Chair**
  - Provided guidance to four (4) Sections in the Region on event planning and PACE Activities
  - Attended Sections Congress as Regional Delegate

Section Contributions

• **Community Outreach**
  - Local grammar schools, high schools, and universities: Guest Speaker & Panelist
  - Delaware Valley Science Fair: IEEE Award Judge
  - Future City Competition: Special Award Presenter (2013-2022)
  - Supported IEEE Chapter Initiatives:
    - Outreach programs for Arduino and electronics STEM activities
    - Lobbied on behalf of IEEE at the USA Congressional Visit Day

• **Continuing Education**
  - Implemented CEU Accreditation at Section Meetings. This program directly drove value for industry members, and we witnessed a strong increase in attendance at our section nights.

• **Organized Career Fairs & Networking Forums**
  - Organized and hosted live & virtual job fairs for IEEE members & other professionals in the engineering community, resulting in multiple job offers

• **Chapter Revival**

• **Partnered with other Organizations for Education & Networking Events**
  - Organized and coordinated a joint event involving ASME and AIA Young Professionals. Attendance exceeded 200 people.

• **Leadership**
  - Section Chair for three (3) years of one of the largest sections in the region
  - Treasurer and Secretary

Standards Board

• **Balloting Member**
  - IEEE 1547 - IEEE Standard for Interconnection and Interoperability of Distributed Energy Resources with Associated Electric Power Systems
  - IEEE 2030.7 - IEEE Standard for the Specification of Microgrid Controllers
For IEEE Region Delegate-Elect/Director-Elect, 2025-2026
IEEE Region Delegate/Director, 2027-2028
IEEE Region 2 (Eastern USA)

MURTY S. POLAVARAPU
(Nominated by IEEE Region 2)

President, Space Electronics Solutions LLC
Managing Director, Virginia Microelectronics Consortium
Oakton, Virginia, USA
www.murtyp.com

Murty Polavarapu is engaged in developing advanced semiconductor memory and logic products for defense and aerospace markets, especially for space applications. He also serves as the Managing Director of Virginia Microelectronics Consortium. His technical contributions were vital to the development of successive generations of radiation-hardened devices. His career includes management and technical leadership roles at various companies including BAE Systems, IBM, Lockheed Martin, Micron, and Toshiba. He holds eleven patents and received numerous honors including the BAE Systems Chairman’s Silver Award, Dominion Semiconductor President’s Award and IBM Outstanding Technical Achievement Award.

Murty earned his Masters in Electrical Engineering from Howard University and Masters in Technology Management from University of Pennsylvania. On a leave of absence from IBM, he served as a United States Peace Corps volunteer in rural Fiji teaching physics and mathematics at high school level. He co-founded a non-profit organization to help bring computers to schools in Ethiopia.

Statement

IEEE Regional Directors need experience across organizational boundaries as well as extensive local and regional understanding. With a track record spanning two decades, I bring both the required breadth AND depth to the Region 2 Director position as an active IEEE volunteer at local, Regional, MGA and Technical Activities levels. I currently serve on the MGA Board overseeing global geographic activities and in leadership roles for two technical societies. At the IEEE level, I have served on multiple committees, including Governance and Strategic Alignment.

My focus is to:

- **Energize geographic units** through comprehensive support for volunteers with enhanced training, access to necessary tools, and mentorship opportunities.
- **Inspire, attract and retain the younger generation** through STEM activities, career connections and social/humanitarian activities.
- **Enhance member engagement** through agile Local Groups on emerging topics, continuing education opportunities and local conferences.
Complete the merger of Regions 1 and 2 for a stronger organization.

Together, we will realize our shared vision of thriving geographic units, delighted and engaged members, and a lasting positive impact on society and our profession.

IEEE Accomplishments and Activities
(M’97-SM’98)

My volunteer experience for over two decades in many capacities across IEEE has provided me with the needed background to be a successful Region 2 Director.

At the Section level, I led the Northern Virginia Section (largest Section in Region 2) for three terms. Established monthly electronic newsletter, spurred volunteer recruitment and rejuvenated chapters. Served as Treasurer and Secretary for Northern Virginia Section and as Chair and Treasurer for Computer Society, Electron Devices Society, Society for Social Implications of Technology and Nanotechnology Council Chapters.

At the Region level, I currently serve on the Joint R1/R2 Strategic Planning Committee overseeing the merger of the two regions. I served in various other roles on Region 2 Committee including Conference Coordinator, Vitality Coordinator, Professional Activities Chair, ExCom Member, Area Chair, Employment and Career Services Coordinator, and Pre-College Education Coordinator.

I am currently President-Elect of the Society on Social Implications of Technology, having served on its Board of Governors for three years, and as the Organizing Chair for three Society Conferences.

As Vice-President for Chapters for Electron Devices Society (EDS), I fostered formation of new chapters worldwide and effectively directed continued service to local members during the pandemic. Have since been elected as Secretary for EDS.

As the MGA Vice-Chair for Geographic Activities, I oversee the geounit operations worldwide and provide needed resources. Also served in other MGA Vice-Chair roles including Member Engagement and Life Cycle and Strategic Planning. Re-chartered the MGA Strategic Direction and Environmental Assessment Committee and eliminated the Vice-Chair role leading to MGA Board size reduction.

As Chair of 2014 IEEE Sections Congress Program Committee, we delivered a highly acclaimed event with new elements such as Ignite talks that serve as models for subsequent Congresses.

I contributed to the restructuring of IEEE strategic planning process and alignment to lower organizational units.
SHARAN KALWANI, BS, MS, SMIEEE  
(Nominated by IEEE Region 4)

Independent Consultant  
High Performance Computing Practitioner & Training Specialist  
Rochester, Michigan, USA  
https://www.linkedin.com/in/sharankalwani

Sharan Kalwani is an IEEE Senior Member and active volunteer at both the Section and Region levels. He has over 35 years of experience in numerous fields. He has held technical and management roles including engineering, project management, quality, currently leading a team of remote employees.

Sharan has held several positions in IEEE chapters, section and committees, the most recent in rejuvenating the IEEE Region 4 Newsletter. Through his participation to various activities, Sharan has implemented many creative ideas/initiatives. He took over as the Southeastern Michigan Section Chair during the pandemic and overcame many hurdles. The Section reached its highest levels of activity since then and gained momentum post-pandemic. In addition to delivering activities benefiting many, he has dedicated his efforts to assist others, both professionally and personally.

He holds adjunct teaching positions at various academic institutions. He regularly participates in external societies such as ACM, ASEE and is always learning.

Statement

I have always dedicated myself to encourage our membership. The IEEE's strengths are not just technological, but also found in the enthusiasm of our members. I will use this opportunity to grow our membership and engage members.

• My top priority will be to make solid connections with our students.
• I will work to solidify connections with industry.
• Work with small/medium/large areas and section chairs to keep a direct channel open to them, ensure they feel connected.
• I will provide tangible and visible support for current and future/potential leaders.
• Focus on what members feel are important IEEE initiatives such as Sustainability, Climate Change to connect us with society at large.
• Provide support to Young Professionals (YP), Life Members Affinity Groups (LMAG), Professional Activities Committee for Engineers (PACE) and Women in Engineering (WIE) through mentorship, engagement, and activities at all levels up to the entire region.
• At the end of the day: I want every member in our Region to say: “I feel proud to be an IEEE member and especially happy to belong to Region 4!”
IEEE Accomplishments and Activities
(S'88-M'01-SM'13)

IEEE Conferences:
• IEEE Conference on Technologies for Sustainability (SusTech)
  • SusTech 2021 Industry Outreach Vice-Chair
  • SusTech 2022 Vice-Chair
  • SusTech 2023 Vice-Chair
• IEEE Online Forum on Climate Change Technologies 2023, Vice-Chair
  Digital Access

Region 4:
• Region 4 Newsletter Editor, 2023-Present
• Region 4 Communications Committee, 2023-Present
• WIE R4 Leadership Summit 2023
• EIT 2018 Committee Member

Sections:
• Chicago Section Computer Society Chapter Vice-Chair, 2014-2015
• Southeastern Michigan Section Consultants Network Affinity Group Chair, 2013-Present
• Southeastern Michigan Section Membership Development Committee Chair, 2012-2014
• Southeastern Michigan Section Chair, 2021-Present
• Southeastern Michigan Section Vice-Chair, 2020
• Southeastern Michigan Student Branch Mentor (Oakland University), 2019-2022
• Active Editor of both the Section monthly and the Region 4 Newsletter

Significant Achievements:
Most recent achievements or what I have done for my various IEEE OUs lately:
• 2024 Engineering Society of Detroit Anne O. Fletcher Award, which recognized IEEE Southeastern Michigan Section as going above and beyond towards the greater engineering profession.
• 2023 Region 4 Outstanding Service Award
• 2022 Region 4 Outstanding Section Award (received on behalf of the Section)
• 2022 Region 4 Membership Section Retention Award (received on behalf of the Section)
• 2022 Southeastern Michigan Section Robert Neff Award for outstanding individual service in furthering the purposes and objectives of the Section and IEEE
• 2021 Jack Sherman Outstanding Member Award (Region 4 Award)
• 2021 Outstanding Computer Society Southeastern Michigan Chapter Award (received on behalf of the Chapter)
• 2021 Computer Society Chapter Industry Engagement Award
• 2021 Lawrence Tech University Section Appreciation Award
• 2018 IEEE MGA Achievement Award
• Rejuvenated the - Southeastern Michigan Section Education Society Chapter (2017-2018)
• Founding member of Southeastern Michigan Section Consultants Network Affinity Group 2023
For IEEE Region Delegate-Elect/Director-Elect, 2025-2026
IEEE Region Delegate/Director, 2027-2028
IEEE Region 4 (Central USA)

TAREK LAHDHIRI, PhD, PE, PMP, BB-DFSS, SMIEEE
(Nominated by IEEE Region 4)

Global Strategy Leader
Control Systems Simulation and Automation
Global Validation Department
General Motors Company
Warren, Michigan, USA
http://TarekLahdhiriForRegion4.com

Dr. Lahdhiri received his MS-EE in Communication Systems in 1990 and PhD in Control Systems in 1995. He is currently working for General Motors LLC in Detroit, where he is holding the position of Strategy Leader for Real-Time Control Systems Simulations and Automation within the Global Validation Department.

Dr. Lahdhiri is an IEEE Senior Member, licensed Professional Engineer (PE) in the state of Michigan, licensed Project Management Professional (PMP), Black Belt DFSS certified by General Motors LLC, and holder of the Electrical Validation Journeyman and Vehicle Validation Apprentice Certifications issued by General Motors, Detroit, USA.

Dr. Lahdhiri has been involved with several universities, where he held the positions of Research Associate, Adjunct Professor, and Lecturer at the University of Windsor, Ontario, Canada, University of Detroit Mercy, Detroit, Michigan, and University of Michigan, Dearborn, Michigan. He taught several classes in many Electrical Engineering disciplines and was involved in many research projects.

**Statement**

I have dedicated my time and efforts to enhance IEEE member services.

My activities are member driven and I believe that the only way to grow Region 4 is to:

- Engage our members and interact with them at the Section/Chapter level.
- Increase the effectiveness of the current product and services and develop new ones that fit our member needs.
- Timely reaction to the challenges in today’s dynamic workplace.
- Build stronger relations with industries.
- Leverage my IEEE, industry, and academic experience to bridge the gap between academia and industry.
- Promote Young Professionals (YP), Women in Engineering (WIE), and
Student Activities.
- Increase collaboration between the different Committees.
- Establish University and Corporate Liaison positions at the region level.
- Devote more resources to assist with the continued rejuvenation of all sections within the Region.
- Implement new initiatives to decrease the declining number of members within the Region.
- Collaboration with other Regions.
- Balanced budget while getting the best service to our members.

I would like the opportunity to leverage my IEEE, professional, and educational experience to serve our members.

**IEEE Accomplishments and Activities**
(S'92-S'96-M'99-SM'03)

Dr. Lahdhiri has been involved and is an active IEEE member for more than 30 years. He started as a Student Member in the Central Tennessee Section. Then he moved to Region 4, where he started being active and held the positions of Professional Activities Committee for Engineers (PACE) Chair, Southeastern Michigan Section (SEM) and IEEE Student Counselor, University of Windsor (IEEE-SEM Section), and member of the IEEE-USA 1998 GOLD Committee (now Young Professionals Committee.) These assignments gave him a better and broader idea about IEEE activities and he moved to the Region and IEEE-USA levels. He held the positions of Region 4 Membership Development Chair, member of the IEEE RAB Industry Relations Committee (IRC), IEEE-MGA Nominations and Appointments Committee (N&A), IEEE-USA Employment & Carrier Services Committee (ECS), Co-Chair of IEEE-USA Career Workforce Policy Committee (CWPC), and Vice-President of IEEE-USA Career and Member Services/Professional Activities (2018-2019). He is currently the Region 4 PACE Chair and the Region 4 Conference Coordinator.

Dr. Lahdhiri is an advocate in promoting and raising awareness of the need of soft skills for engineers through IEEE-USA PACE, ECS, and CWPC Committees. He contributed in the development and deployment of several IEEE-USA packages on the following topics: Project Management (PM) for Engineers, Design For Six Sigma (DFSS), Leadership Skills, Resume Development, Job Interview, Career Development, Job Transition. He provided more than 100 free Professional Seminars, Workshops, and webinars across all six regions in the United States.

Dr. Lahdhiri has been promoting many IEEE events through the PACE program: IEEE-USA Annual Meetings, Future Leader Forums, WIE, K-12 STEM, Government Relations, students SPACs, and Career events.

He received several awards: 2012 IEEE Region 4 Jack Sherman Award, 2007 IEEE-USA Citation of Honor Award, 2004 IEEE-USA Leadership Achievement Award, 2003 IEEE Southeast Michigan Best Involvement Award, and 2001 IEEE-USA Professional Achievement Award.
For IEEE Region Delegate-Elect/Director-Elect, 2025-2026
IEEE Region Delegate/Director, 2027-2028
IEEE Region 6 (Western USA)

ALON N. NEWTON
(Nominated by IEEE Region 6)
Sr. RF Design Engineer
Ossia Inc.
Bellevue, Washington, USA

Experienced Electrical Engineer with 30 years’ experience in RF/Microwave, Consumer Electronics, Electro-optics, & Computer Engineering field. I was born, raised, educated, and started my professional career in Israel. After years in defense electronics, I shifted to consumer electronics and moved to Hong Kong. I migrated to Canada from Hong Kong and worked for a few international and US employers and startup companies for over 15 years. In 2011 I moved to Seattle and have been working for Microsoft, Pivotal Commware & Ossia. I volunteered with various organizations over the years: Scouts movement, Israeli Alpine Club and for the last 17 years with the IEEE. I took part in STEM activities and other volunteering opportunities through work. I served in the IDF and is registered as a P.Eng in the province of BC, Canada since 1999. Former ISO9000 auditor Six Sigma Green Belt. I like climbing, hiking, skiing, and diving.

Statement

As the Region’s Director-Elect I plan to collaborate with the existing Director to make sure his tenure is successful and learn required skills needed for the job. I believe Region 6 is an important segment of the IEEE MGA activities and would like to make sure it will still be in the years to come. We are fortunate to cover iconic technology centers such as the Silicon Valley, San Diego, Los Angeles, Portland, and Seattle to name just a few. I will strive to expand our reach to where our current members reside by creating new Subsections and promoting new membership in geographical areas and technical fields, we lack representation for. I will strive to collaborate with other organizations where it makes sense and compete with other organizations if we have the advantage. I would expand our reach to students and propose new ideas to solve the membership retention issue. Expand our presence in social media, virtual reality and bring more value to membership. Promote active IEEE engagement.

IEEE Accomplishments and Activities
(S’88-M’88-SM’09)

SUMMARY of IEEE ACTIVITIES:
- IEEE Vancouver Joint Communications Chair (2007-2012)
I started my IEEE membership in 1988 as a Student Member and have been a member of a few societies over the years but did not take a volunteer position till 2007.

MAJOR ACCOMPLISHMENTS:

- Expanded the IEEE Vancouver Joint Communications Chapter to include Broadcast Technologies, Intelligent Transportation Systems, Information Theory Society and Photonics (formerly LEOS). It already included Communications Society and Vehicular Technology Society.
- Established the IEEE Consultants Network in Vancouver (2011) – This affinity group did not exist, and I managed to create interest, hold meetings, and recruit a successor as a Chair for the following years.
- Won best VT-S Chapter 2009 in Vancouver (As Joint Chapter Chair)
- Won best Worldwide Section in 2010 in Vancouver (As Vancouver Section Secretary)
- Participated in the Centennial Committee which chose the Logo, Slogan and the IEEE monument.
- Organized R6 NW Area training for R6 in 2023
- Organized VTS Chapter Chairs training for Region 10 in 2023 & 2024
- Won outstanding large technical Chapter in Vancouver Section awards for 2022 & 2023
SCOTT M. TAMASHIRO  
(Nominated by IEEE Region 6)

Technical Staff - Reliability and Maintainability Engineering  
Raytheon, an RTX Business  
El Segundo, California, USA  
https://tamashiro4region6.blogspot.com/

Scott is a member of his department’s technical staff for Raytheon, an RTX business, in El Segundo, California. He holds a BSEE with a Math Minor from Cal Poly Pomona and an MSEE from the University of Southern California. He has 26 years of experience in the field of reliability, system safety, and maintainability analysis of a variety of ground, space, and airborne systems. He is an RTX Subject Matter Expert & Six Sigma Specialist and has been an ASQ Certified Reliability Engineer since 2004. He also teaches for University of Southern California’s System Safety Certificate Program since 2008.

He also loves to spend time with his wife and two kids at home or visiting somewhere new. He is also the head statistician for the local professional soccer club.

Statement

Scott believes IEEE Region 6 should not have boundaries and should encourage IEEE to be a global brand that appeals to all students and professionals, regardless of which Organizational Unit (OU) or chapter they are in. The new Local Group is a great step in that direction which could involve members and non-members of different OUs as it builds on a common interest, not a common geographic location. Region 6 needs to continue to incubate new ideas and innovation and combine it with fun activities for its members and volunteers. Global conferences such as IEEE Global Humanitarian Technology Conference and cross-regional IEEE Rising Stars Conference, both of which Scott has been involved with since inception, were born out of Region 6. Scott will work with Region 6 leadership to support active volunteers but also help build the next generation of diverse volunteers which requires more networking opportunities (re-imagining Area meetings) and recognition (re-imagining nominations process). Scott will work closely to align with IEEE-USA to expose Region 6 members to new opportunities.
Scott was heavily involved in Region 6 activities and helped streamline meeting planning and running meetings as Secretary for five years and creating a semi-automated budget tracking tool (that is still being used today) as Treasurer from 2015-2018.

He also worked on a small AdHoc with Loretta Arellano and Ali Abedi to help create the diverse IEEE Volunteer Leadership Program (VOLT) in 2014 which is very successful today especially in Regions 8, 9, and 10, reaching a broad audience that may not have access to the IEEE leaders as members in Regions 1-7 do.

He was also involved in the first committee to help create the IEEE Rising Stars Conference (RSC) in 2015 which was Region 6’s strategy to reach a large student and young professional membership. RSC has shown to be a great way to retain students and the program focuses on both professional development and technical sessions. Scott took the lead in developing the virtual 2021 program in two months and developed a full matrixed schedule for speakers, speaker liaisons, and production hosts which tremendously helped make the virtual conference a success. He was then brought in to be the Vice-Chair for the 2022-2023 Conferences and Chair for the 2024 (the largest attended and highest sponsorship) and 2025 Conferences.

Expenses and NextGen for geographic units both were essential and he really enjoyed the diverse Committees and working with staff. He also served on the IEEE Conference Committee Sub-committee on Event Innovations and Enhancements and provided inputs to the final report in 2021 regarding industry access and engagement (e.g., Rising Stars case study).

Scott currently Chairs the 2024 RSC, the registration Chair for IEEE Global Humanitarian Technology Conference (GHTC), is the Region 6 Conferences Chair, represents the Reliability Society on the IoT Steering Committee, and is on the Public Visibility Committee.
DUSANKA BOSKOVIC
(Nominated by IEEE Region 8)
Associate Professor
Faculty of Electrical Engineering and Vice-Rector for Quality
University of Sarajevo
Sarajevo, Bosnia and Herzegovina

Dusanka Boskovic received her diploma, master and doctoral degrees from the University of Sarajevo, Bosnia and Herzegovina, where she is an Associate Professor at the Faculty of Electrical Engineering and Vice-Rector for Quality (2020-2024).

Her research, and courses she is teaching, are focused on software engineering in biomedical and cognitive domains. In addition to being university teacher and researcher at the University of Sarajevo, she has a long professional experience in systems and business process analysis. She is often engaged in multidisciplinary and challenging work environments requiring problem-solving and communication skills. She is highly motivated to learn about the problem domain and committed in achieving high level user experience. Being committed to promoting multidisciplinary research, she is active volunteer and the founding President for the Bosnia and Herzegovina national association for biomedical engineering. She has been engaged in several projects promoting accreditation activities to improve quality of engineering education.

Statement

If elected as Region 8 Director-Elect I will continue supporting the goals/initiatives of my predecessors, and I will bring my experience of serving member needs in Region 8 - the truly transnational and diverse IEEE Region. All my IEEE accomplishments, both at my Section and Region 8 level, were achieved through teamwork. My focus is to identify and support volunteers that will bring and sustain IEEE core values in our projects and activities.

I am always eager to learn, and also to share knowledge that I gain. I am dedicated to constant development as an engineer and teacher, but also to the acquisition of knowledge necessary for making positive impact on our society.

I will build on my past experience to:
• Expand cooperation with and between the Region 8 Sections, Chapters,
and Student Branches.

- Identify successful practices and specific member needs.
- Improve professional networking.
- Promote diversity and inclusion.

I look forward to serve Region 8 and to work with Region 8 volunteers.

**IEEE Accomplishments and Activities**

(M’05-SM’17)

Dusanka has been an active IEEE volunteer in the Bosnia and Herzegovina Section since its establishing in 2005. She was founding Chair for the IEEE Women in Engineering Affinity Group in the Bosnia and Herzegovina Section and worked on projects to raise the interest of high school students for engineering professions. In 2007, during her term as Membership Development Officer, the Bosnia and Herzegovina Section received the IEEE Membership Geographic Activities’ Section Membership Growth Award for small sections.

Her continuous work with students enabled them to make into reality their faintest ideas like visiting Large Hadron Collider in Geneva, Switzerland in 2014, building a Solar Tree on Campus in 2016, organizing successfully the first Bosnia and Herzegovina Student and Young Professionals Congress "Technology and Innovation for a Brighter Future" in Sarajevo, December 2016, as Counselor of the University of Sarajevo Student Branch (it was mentioned in the 2016 IEEE Annual Report.) She has been serving as proctor to IEEE Xtreme teams since 2011, always ranked among the top 100, and two times ranking among top 25, in 2012 and 2013.

While being the Bosnia and Herzegovina Section Chair, the Section successfully hosted the 101st Region 8 Committee Meeting in Sarajevo, in October 2013, raising the visibility of the Section within IEEE Region 8, and being instrumental for capacity building of the Section and Section volunteers, especially students and young professionals.

She served as the Region 8 Vice-Chair Member Activities in 2015-2016 and most recently being engaged in the Region 8 Diversity, Equity and Inclusion and in Senior Member Search activities, since 2022.
IZZET KALE
(Nominated by IEEE Region 8)

Professor Emeritus
University of Westminster
London, United Kingdom
https://www.advrg.ac.uk/izzetkale

Izzet Kale has been an active IEEE member/volunteer for 36+ years, is immediate Past-Chair of the IEEE UK and Ireland Section. He is Professor Emeritus of Applied DSP and VLSI Systems, Honorary Founder Director of the Applied DSP and VLSI Research Group, and past-Institute and Research Director, College of Design, Creative and Digital Industries at the University of Westminster, London, where he was also HoD of Engineering. Previously, Kale took Academic and Industry roles including Dean of Engineering, Technical-Advisory-Board Level for Industry, delivery of numerous Applied R&D contracts for their next-generation products, notably for ESA and training/invited talks. Kale holds a B.Sc. (Hons) in Electrical-Electronic Engineering, from The Polytechnic of Central London, M.Sc. in The Design and Manufacture of Microelectronic Systems from Edinburgh University, and PhD in Techniques on Reducing Digital Filter Complexity, from The University of Westminster. He authored/co-authored 380+ papers, 11 patents, 3 books and 40+ PhD supervisions.

Statement

As Director-Elect, I’ll bring a global outlook to Region 8, leveraging my 39+ years’ experience and international links in academia and industry. I will provide equal opportunities for all members to engage in industry-technology related activities.

My goal is to ensure Region 8’s growth and deliver value for money services, focusing on harmonious collaboration between industry, professional practice, and academia. I envision IEEE as a locally relevant, go-to professional organization.

In my previous role as Research Director, I successfully implemented a similar vision, leading a diverse group of academics in various disciplines, conducting industry-facing, cross-disciplinary research on a national-international scale.

I aim to actively support STEM-activities for underprivileged school-kids throughout Region 8, introducing them to IEEE at an early age through IEEE sponsored twinning-programs.

As Director-Elect, I will encourage Region 8 to undertake cohesive, industry-linked activities that influence the future and connect globally. These activities will be inclusive for all, providing a common platform to work from, regardless of their location within Region 8.

I know and have what it takes to deliver my vision.
IEEE Accomplishments and Activities
(M'88-SM'23)

- As IEEE UK&I Section Chair, one of the Largest Sections in the world, Kale saw the Section membership grow, surpassing its targets and substantially improved the gender balance with women in senior Section positions rising from 8% to 34.4%
- Set-up new IEEE I&M Chapter within the UK&I Section
- As Section Chapter Coordinator reactivated dormant Chapters
- Delivered events, workshops/seminars at UK&I Section and international IEEE Conferences
- Served as Associate Editor for IEEE Transactions on:
  - CAS
  - I&M
- Actively involved with the IEEE Standards Association in the waveform digitization standard
- Active member of the IEEE-CAS Society Technical Committees:
  - Education Activities
  - Digital Signal Processing
  - VLSI
- Work with IEEE-MCE on Conference related activities

IEEE Awards/Others:
- Several CAS and I&M Appreciation Certificates
- UK&I Section Recognition Certificate for outstanding service
- Appreciation plaque from UK&I Section’s YP Committee
- Six Region 8 awards for the Section, including recognition for hosting the 20th IEEE Milestone
- Under my Leadership, the Section received the 2023 IEEE Membership Outstanding Recruitment Performance Award
- Recognition Award for exemplary dedication/service to UK&I Section (12/2023)
- Received Student Branch Award for my support
- Active Section member for 36+ years and contributed to many services/activities
- As Section Vice-Chair supported the Chairs in organizing events and especially the Section’s Christmas Lecture, that I Co-founded which is now a tradition
- R8 Committee Member as Section Chair (2022-2023)
- R8 Chapter Coordination Committee Member (2022-2024)

Past-Chair:
- UK&I Section (2022–2023)
- Vice-Chair, UK&I Section (2020–2021)
- CAS-Chapter (2002-2018, 2020-2023)
- Founder I&M Chapter (2003-2022)
- Chapter Coordinator (2005-2015)

Talks/Others:
- Invited Keynote speaker at IEEE YP and IEEE WIE events
- Started three IEEE Student Branches from scratch in the UK&I Section and Cyprus
- As UK&I Section Chair he supported Student Branches by funding trips to Student Congresses and events in UK&I and Internationally
Peter Nagy is the Operations Director at the Scientific Association for Infocommunications (HTE) in Hungary, since 2005 and has overseen more than 40 scientific and business-oriented conferences.

He has been a Senior Member of IEEE since 2021; he is a member of IEEE Communications Society, IEEE Computer Society, HKN, and IEEE Women in Engineering.

He holds an M.Sc. in Electrical Engineering from Budapest University of Technology and Economics (2000). He was a State scholar at TU-Vienna, Austria (1998). He finished his MBA studies in Budapest (2005), with specialized courses from the State University of New York Buffalo (USA) and Rochester Institute of Technology (USA).

Peter serves as publisher of the *Infocommunications Journal* (HU ISSN2061-2079) and was Guest Editor of *IEEE Communications Magazine* 2013 (Quantum Communications). He promotes high-quality Journal and Conference papers.

Peter served on the Supervisory Board of Finatech Capital Ltd, a venture capital company.

**Statement**

I am running for IEEE Region 8 Director-Elect, committed to providing services for YOU.

With 24 years of robust experience and a youthful, innovative perspective, I offer a unique advantage in the Region 8 leadership role. By blending seasoned expertise with fresh insights, I aim to drive innovation and foster success.

My deep involvement in IEEE Region 8, coupled with leadership in IEEE conferences and technical societies, equips me to address challenges and advocate for IEEE members.

**Priorities:**
- Improving the value proposition
• Increasing IEEE Region 8 membership and strengthening retention
• Enhancing Student, Young Professionals, Women In Engineering and industry engagement
• Fostering inter-organizational collaboration (IEEE Chapters, Sections, Regions)
• Enhancing our international presence and impact

If elected, I will develop a **comprehensive 5-year roadmap** for growth, advocate for enhanced member benefits, and facilitate collaboration initiatives. Together, we can strengthen IEEE's influence and advance technology for humanity.

Your support is appreciated in building a vibrant and thriving IEEE community in Region 8.

**IEEE Accomplishments and Activities**
(M’02-M’03-SM’14-SM’21)

• During my tenure as IEEE Region 8 Vice-Chair Technical Activities (2021-2022), I focused on **enhancing industry relations**, bolstering flagship conference industry programs, hosting industry sessions at IEEE Africon 2023, and integrating IEEE RTSI as a Region 8 portfolio conference, emphasizing collaboration between academia and industry.

• As Hungary Section Vice-Chair (2015-2016), I facilitated productive cooperation between the IEEE Section and local National Societies, enabling joint initiatives. Serving as volunteer lead of the **IEEE National Society Agreements Program**, I ensured effective relations worldwide and shared best practices with IEEE volunteers.

• I received the **MGA Achievement Award** in 2023 for dedication to strengthening the relationship between National Societies and IEEE, highlighting the value of IEEE in industry relations.

• **Recognizing volunteer efforts** is vital for organizational vitality. Throughout my tenure as a conference coordination committee member, vice-chair of the region, and during my one and a half years as an IEEE Region 8 Awards and Recognition Committee member, I supported committed volunteers for higher positions and nominated them for Region 8, IEEE MGA, or IEEE awards, fostering a culture of excellence within IEEE.

• With the conference coordination team, we developed a framework for steering committees for our four Region 8 flagship conferences, sharing best practices and supporting current conference organizers. As the **founding chair of the IEEE Africon Region 8 Steering Committee in 2022**, I fostered an environment that involved recent organizers and allowed them to share valuable experiences with the upcoming team, ensuring continuity, excellence, and strategic oversight for Region 8 conferences.

• Upon joining the IEEE Conferences Committee, I focused on enhancing **inter-regional cooperation**, leading to notable outcomes such as the evolution of the IEEE HISTELCON Conference into a multi-regional event. Additionally, IEEE Region 8 events now feature speakers from Region 10 (Asia-Pacific), showcasing the success of our collaborative endeavors.
SAMEER S. M.
(Nominated by IEEE Region 10)

Professor
Department of Electronics & Communication Engineering
National Institute of Technology
Calicut, India
http://www.drsameersm.com

Sameer S. M. received his B.Tech degree in ECE from University of Kerala, M.Tech in Telecommunication and Ph.D. in Wireless Communications from Indian Institute of Technology Kharagpur, India. After various tenures in industries, he joined as a Lecturer in the Department of Electronics & Communication Engineering at NIT Calicut, India in 1998 where he is presently working as a Professor. He has supervised 8 PhD students, published 30 journal papers, 47 conference papers and holds one Indian patent and two US patents. He has received multiple best papers awards in reputed IEEE conferences. He has served as the Member of the Board of Governors, Head of the Department of ECE, Head of Centre for Career Development and Dean (Academic) at NIT Calicut. He is a recipient of the Outstanding Volunteer Award of IEEE Region-10 in 2020. He is currently serving as the Chair of Region-10 Conference Quality & Management Committee.

Statement

My priorities as Region-10 Director shall be the following:

- **Tailored Membership Value:** Develop programs that cater to the specific needs of members at all levels including YP and WIE members from industry and academia. This would include job fairs, career development workshops, networking events, and mentorship programs.

- **Flexible Memberships:** Work with MGA to explore introducing new membership models like 4-year dues for undergraduate and doctoral students, 2-year dues for graduate students, and 3-year dues for YPs. This will make membership more accessible and retain talent.

- **Strengthen Section-Chapter Collaboration:** Facilitate joint activities at the local level between Sections, Councils, and Chapters. This will create more opportunities for technical collaboration and professional development for members.

- **Regional Realignment and Leadership Roles:** Provide more volunteering opportunities to members at all levels and Sections to significantly enhance the leadership pool, especially in the light of IEEE regional realignment effective from January 2028.

- **Elevating Conference Standards:** Collaborate with IEEE technical societies to enhance the standards of Region-10 flagship conferences. This will attract prominent researchers and showcase the region’s expertise.
IEEE ACTIVITIES:

COMMITTEES/BOARDS:
- MGA Nominee to IEEE Conference Committee (2024-Present)
- Member, Technical Program Integrity Committee, IEEE MCE (2023-Present)
- MGA Nominee to TAB/PSPB Products and Services Committee (2015)

REGION 10:
- Chair, R10 Conference Quality & Management Committee (2023-Present)
- Secretary, Region-10 (2021-2022)

SECTIONS/CHAPTERS:
- IEEE MALABAR SUBSECTION: EXCOM Member (2013-2024), Founding Secretary (2009-2012)
- Interim Chair, IEEE Bombay Section: (October 2023-Present)

CONFERENCES:
- General Chair, IEEE INDICON-2022 (Flagship Conference of IEEE India Council)
- General Co-Chair, IEEE TENCON 2019 (Flagship Conference of IEEE R10)
- TPC Chair, IEEE TENSYMP 2017 (Flagship Conference of IEEE R10)
- TPC Co-Chair, IEEE HTC 2023 (Flagship Conference of IEEE R10)

MAJOR ACCOMPLISHMENTS INCLUDE:
- Provided training to several conference volunteers in Region-10 Sections on organizing high-quality IEEE conferences.
- As IEEE Region-10 Secretary, provided critical support to the Region Director and EXCOM in organizing regional activities and meetings during the unprecedented challenges of the COVID-19 pandemic.
- As Section Chair, spearheaded a team of IEEE student volunteers to develop keralarescue.in, a web portal that facilitated rescue efforts during the devastating 2018 Kerala floods. The platform's success led to its adoption by the Kerala Government, garnering 17 million hits and registering 57,000 volunteers. This initiative exemplifies IEEE's commitment to 'Advancing Technology for Humanity'.
- Successfully organized one of the highest-rated TENCON conferences in Region-10 history in terms of participation venue, and conference surplus.
- As Treasurer of the IEEE India Council and Kerala Section, implemented financial streamlining measures to ensure compliance with IEEE requirements and local laws.
- Played a pivotal role in establishing Malabar Subsection, the first subsection within the IEEE Kerala Section, encompassing six northern districts in Kerala, significantly benefiting nearly one-third of IEEE members in Kerala.
ZUHAINA ZAKARIA, PhD
(Nominated by IEEE Region 10)

Professor
Universiti Teknologi MARA
Shah Alam, Selangor, Malaysia
https://www.linkedin.com/in/zuhainazakaria/

Zuhaina Zakaria holds a PhD in Electrical Engineering from the University of Strathclyde, United Kingdom. She has been working in Universiti Teknologi MARA (UiTM), Malaysia for more than 30 years and currently she is the Dean for Institute of Postgraduate Studies, UiTM. Throughout her IEEE journey, she has held various executive positions within the IEEE Malaysia Section. Her experience as the Section Chair during 2015-2016 reflects her ability to effectively lead and navigate IEEE at the regional level. On the international stage, she has held various roles within IEEE, including Chair of the IEEE Admission and Advancement Committee 2023, overseeing Senior Member Elevation policies. Her remarkable contributions have earned her multiple awards, including the Honorable Mention for the 2018 WIE Inspiring Member Award, 2018 IEEE MGA Leadership Award, 2019 IEEE PES Outstanding Engineer Award, 2022 IEEE PES Outstanding Chapter Volunteer Award, and 2023 Region 10 Outstanding Volunteer Award recently.

Statement

In assuming this role, my strategy revolves around communication, collaboration, cooperation, and innovation, all pivotal for Region 10's advancement.

Communication Priority: I will prioritize transparency and timeliness, ensuring that information flows freely and our members are well-informed. This will foster a more cohesive and connected community.

Collaboration Culture: I will actively promote and facilitate collaborations among our members. By encouraging interdisciplinary and cross-functional teamwork, we can tackle complex challenges, share knowledge, and enhance the depth and breadth of our initiatives.

Cooperation Spirit: I will work to create a culture of cooperation, where members come together, share resources, and support each other. This cooperative spirit will not only strengthen our bonds but also maximize our collective impact.

Innovation Focus: I am committed to driving innovation within Region 10 and IEEE. By creating an environment that encourages creative thinking and problem-solving, we can nurture cutting-edge solutions and technical advancements. This spirit of innovation will not only keep us at the forefront of technology but also attract dynamic members who thrive in such an atmosphere.
I have served in various range of leadership roles, interfacing within many levels of IEEE committees. Some of my major contributions are as follows:

- In 2017-2018, introduced the R10 EA Challenge, a pioneering initiative that promotes innovative programs and fosters excellence in the region.
- Collaborated with EAB and R8 in 2018 to establish the Teacher in Service Program (TISP) Week, providing vital training to 500 teachers across 13 locations in Region 10.
- Successfully secured the hosting of IEEE flagship conferences in Malaysia, including TENSYMP 2014 and Innovative Smart Grid Technologies (ISGT) Asia 2014.
- Contributed to the revision of the Section Education Volunteer Manual as a Member of the EAB Section Educational Outreach Committee (SEOC) in 2018.

The following is a brief list of my activities:

**IEEE Committees/Board:**
- Chair, IEEE Admission and Advancement (2022-2023)
- MGA Representative for PECC (2022)
- Member, IEEE Admission and Advancement (2020)
- Member, MGA Geographic Unit Operations Support Committee (2018-2019)
- Member, EAB Section Educational Outreach Committee (SEOC) (2017-2018)

**IEEE Power and Energy Society (PES):**
- Member-at-Large Diversity and Inclusion, PES Governing Board (2024-Present)
- Member, PES Long Range Planning Subcommittee-4 Education (2020-Present)
- Chapter Representative for Region 10 (2015-2022)

**Region 10:**
- Member, WIE Committee (2024-Present)
- Member, Section Chapter Committee (2021-Present)
- Educational Activities Coordinator (2017-2018)

**Section/Chapters:**
- Chair, IEEE Malaysia Section (2015-2016)
- Chair, IEEE PES Malaysia Chapter (2015-2016)
- Vice Chair, IEEE Malaysia Section (2014)
- Secretary, IEEE Malaysia Section (2010, 2012-2013)
- Treasurer, IEEE Malaysia Section (2008-2009)
- Founder and Chair, IEEE WIE Malaysia Affinity Group (2007-2011)
- Student Counsellor, IEEE UiTM Student Branch (2005-2007)

**Conferences:**
- Program Chair, 10 Asia Pacific Power and Energy Engineering Conference (APPEEC) (2018)
- Co-chair, Region 10 Conference 2017, TENCON (2017)
- Chair, IEEE WIE Leadership Summit Kuala Lumpur, Malaysia (2017)
- Chair, Innovative Smart Grids Technology (ISGT Asia) (2014)
- Co-chair, Region 10 TENSYMP (2014)
CHEONWON CHOI
(Nominated by IEEE Region 10)

Professor
Dankook University
Yongin Si, Gyeonggi Do, Korea
https://sites.google.com/view/cheonwon-choi

CheonWon Choi is a professor at the department of computer engineering in Dankook University. He received B.S. and M.S. degrees in Electronics Engineering from Seoul National University and Ph.D. degree in Electrical Engineering from University of California at Los Angeles. After working in IRI Computer Communications Inc., he joined the faculty of Dankook University in 1997, where he has been conducting researches on medium access control and resource allocation in wireless networks using queueing, game and decision theories. Also, he led a project of deploying infrastructure for communication and computation at a new campus while serving as the CIO of Dankook University. Over 25 years, he voluntarily served at IEEE geographic organizational units. Notably, he organized many IEEE conferences and events including TENCON 2018, TENSYMP 2021 and Region 10 SYWL Congress 2022. Further, he served as the President of IEIE, first Korean society for electronics and electrical engineers, in 2019.

Statement

Region 10 is a vast diverse area in which more than 150 thousand members are living and working. Since founded in 1967, Region 10 has been steadily growing as with the pride of members. As 2028 begins, Region 10 will meet an important moment of the realignment that divides the existing Region 10 into newly formed Regions 10 and 11. While going through such a transient period, I’d like to help every member, living and working in Region 10, be constantly or even further proud of being an IEEE Region 10 member. Specifically, devoting my time and energy, I will:

- Hold conferences and events which give a chance to each participant for self-development and self-improvement.
- Customize programs for students, young professionals and women in engineering so that everyone can find a program of personal interest.
- Develop incentive programs which encourage sections to create team-building and further team-bonding activities.
- Build a healthy relationship between industries and Region 10.
- Promote strong collaboration and cooperation between regions as well as between sections.
IEEE Accomplishments and Activities
(S’86-M’86-S’87-M’88-SM’05)

Accomplishments:
- As the General Chair of 2022 IEEE Region 10 SYWL Congress, he made the congress a highly successful team-building event. The congress was also a paragon of the following in-person events.
- Working as the Technical Program Committee Chair of 2018 IEEE TENCON as well as the General Co-chair of 2021 IEEE TENSYMP, he qualitatively upgraded both conferences.
- In Seoul Section, he recruited a large number of student and graduate student members. In recognition of his activities, certificates of appreciation for outstanding achievement in member recruitment and member retention were awarded to him in 2017 and 2021, respectively.
- As the IEEE Seoul Section Chair, he sponsored and submitted an IEEE milestone proposal. The proposal, which was recently approved, was the first one from Seoul Section.

ACTIVITIES:

Regions:
- 2017: Region 10 History Committee Chair
- 2021: Region 10 Internal Audit Committee Member
- 2023-2024: Region 10 Conference Quality and Management Committee Member
- 2024: Region 10 Ad hoc Committee on Outreach and Retention Member
- 2024: Region 10 Membership Development Committee Chair

Sections:
- 2004: Seoul Section Educational Activities Committee Chair
- 2005: Seoul Section Professional Activities Committee Chair
- 2008-2010, 2011-2012: Seoul Section Webmaster
- 2014: Seoul Section Secretary
- 2015-2016: Seoul Section Student Branch Coordinator
- 2017-2020: Seoul Section Vice-chair
- 2021-2022: Seoul Section Chair

Chapters:
- 2012-2013: Seoul Section VTS Chapter Chair

Student Branches:
- 2007: Dankook University Student Branch Counselor

Conferences and Events:
- 2003 IEEE Vehicular Technology Conference (VTC) Spring, Organizing Committee Member
- 2009 IEEE International Symposium on Information Theory (ISIT), Organizing Committee Member
- 2012 IEEE VTS Asia Pacific Wireless Communications Symposium (APWCS), General Co-chair
- 2013 IEEE VTS APWCS, General Chair
- 2014 IEEE VTC Spring, Organizing Committee Member
- 2018 IEEE TENCON, Technical Program Committee Chair
- 2021 IEEE TENSYMP, General Co-chair
- 2022 IEEE Region 10 SYWL Congress, General Chair
ASHISH MAHAJAN
(Nominated by IEEE Standards Association)
Partner, Deloitte Touche Tohmatsu, and
CEO, IoTSec Australia
Sydney, Australia
https://www.linkedin.com/in/ashishmahaja/

Ashish is a distinguished leader and partner at Deloitte Touche Tohmatsu with over 18 years of experience in cybersecurity. He is deeply committed to equipping organizations with robust cybersecurity capabilities and leverages his extensive subject matter expertise and visionary business acumen to achieve this goal. He is a member of the Chief Information Security Officer Advisory Board at EC-Council and the Australian Information Security Association as well as the Institute of Community Directors Australia. As CEO of Internet of Things Security Australia, he aims to build a resilient society through digitization. He has also played a significant role in shaping accredited security diplomas to address the shortage of cybersecurity skills. His recent elevation to the Committee of the Board of Governors at IEEE Standards Association in 2023 marks a pinnacle in his journey. It signifies not only a personal achievement but a continued commitment to driving IEEE’s initiatives forward.

Statement

IEEE has been an integral part of my life for the past nineteen years, starting as a student member and now as an actively engaged volunteer. IEEE has been a trusted partner, providing opportunities to network, collaborate, and contribute to the larger community. I am not just committed, but deeply aligned with the organization’s mission, striving to empower the global community of engineers and foster innovation. With extensive experience in leadership roles, I have the unique ability to lead and inspire positive change within IEEE.

If entrusted with the role of the IEEE BoG, my goals include enhancing cross-cultural collaboration, prioritizing environmental and social responsibility, and implementing agile strategies to adapt to dynamic markets. My overarching objective is to create a resilient and adaptable organization that positively impacts the broader global community. I look forward to collaborating with fellow members, and steering the IEEE towards a future of excellence.
IEEE Accomplishments and Activities
(M’23)

Committees/Boards:
- IEEE SA Board of Governors Committee Member, Standards and Standards Innovations (S&SI), Strategic Management and Delivery Committee (SMDC)

SA Working Groups:
- Chair “IoT Ecosystem Security” Working Group
- Co-Chair Privacy working group for P2933 - Clinical IoT Data and Device Interoperability with TIPPSS

Conferences:
- Speaker on IEEE WFIoT2021 “IoT Security Directions”
- IEEE Cracking the Cybersecurity Code to Accelerate Innovation - A View from Australia (2021)
- IEEE Region 10 (Asia Pacific Conference) - hosted in Bangkok - IoT Device Security
- Speaker on IEEE TENSYMP: September 2023
MOHAMMED MISBAHUDDIN
(Nominated by IEEE Standards Association)

Scientist ‘F’ & Group Head
Centre for Development of Advanced Computing (C-DAC)
Bengaluru, Karnataka, India
https://www.linkedin.com/in/dr-mohammed-misbahuddin/

I have over 2 decades of Research and Development experience in varied areas of Cyber Security spanning IT and IoT Security. I am Chair of IEEE P2989 Working Group on standard on Authentication in a Multi-Server Environment. I have experience in developing standards and policies for Government of India.

As an outcome of my R&D, I hold 2 Indian Patents in Secure and Usable Authentication and 44 Research papers published in International Journals and Conferences. I have successfully supervised 4 PhD Scholars for the award of PhD.

I’ve been gifted with a unique combination of experiences in Research, Project Management, Leadership, Trainings and Business development. I have successfully led Nation-wide R&D and knowledge dissemination projects. My organizing skills and experience in knowledge dissemination include organizing numerous National and International workshops and IEEE Conferences. I am widely recognized as one of the top resource persons in Cyber Security domain in India.

Statement

With over two decades of R&D and Technology Management experience, I am deeply committed to advancing technological standards that drive innovation and progress. I have been privileged to contribute to a diverse array of projects in areas such as Identity Management, Public Key Infrastructure, Identity of Things, Cyber Security Framework Development.

At C-DAC, I have championed initiatives related to IEEE BLP Content Creation and adoption to foster excellence in technology education and research. Having delivered over 300+ tech talks on Cyber Security across India I am passionate about knowledge sharing.

I have initiated the development of an ecosystem to create a collaborative...
research platform in Cyber Security to bring the finest minds in their respective areas of research to contribute to the standards. I am looking forward to serving as BoG member and contributing to furthering standards that drive technological innovation, promote inclusivity, and address the evolving needs of society.

IEEE Accomplishments and Activities  
(M’17-SM’19)

My significant contributions, accomplishments and activities related to IEEE include:

- Membership engagement as Technical Programme Committee, Organizing Committee, Facilitation Committee, Promotion Committee and Publicity Committee in various IEEE conferences including the IEEE Public Key Infrastructure and its Applications (PKIA) Conference series PKIA-2017, PKIA-2021, PKIA-2022, PKIA-2023 and PKIA-2024

- Reviewer of various IEEE International Conferences

- Published research papers in various IEEE Conferences

- Developed the IEEE BLP content on Cyber Security and currently leading content creation of High Performance Computing

- Have been promoting IEEE BLP course in IoT in numerous academic institutions across India for inclusive capacity building

- Played key role in onboarding the Director of GIEEE India as Academic Council member of C-DAC, to broaden the scope of skilling initiatives by C-DAC

- Implemented the IEEE Standards on Software Project Development phases for academic projects

- Working on the following project proposals in collaboration with IEEE:
  - IEEE SWEBOK BLP implementation in courses and practice at all C-DAC Centres
  - Establishment of Experience Centres for demonstration of Advanced Indigenous Technologies
  - Launch of skilling course in Cyber Security for Women Graduates
  - Establishment of iLabs at various Graduate and Post Graduate institutions for improving the quality of final year academic project and creating the industry ready manpower
  - Nurturing the culture at C-DAC for contribution to the IEEE Standards
  - Completed the IEEE CertifAIEd certification program for assessing ethics of Autonomous Intelligent Systems (AIS) to help protect, differentiate, and grow product adoption.
YATIN K. TRIVEDI
(Nominated by IEEE Standards Association)

Semiconductor Solutions Architect
Capgemini Engineering R&D
Santa Clara, California, USA
www.ytrivedi.com

Yatin has been a governance volunteer with IEEE SA for the past 17 years and a standards developer in the electronic design automation (EDA) industry for 33+ years. Currently, he serves SA as Chair, Awards Committee, and Chair, FinCom. He served as SA Treasurer and member of IEEE FinCom for three consecutive terms (2015-2020), during which SA made strategic investments in long term initiatives without undue risk. Through SA’s international outreach activities, he initiated and strengthened industry partnerships. Yatin co-founded IEEE Standards University with New Initiatives Committee support and served as Editor-in-Chief for IEEE’s Standards Education eZine (2011-2019).

Yatin leads design of complex system-on-chip (SoC) at Capgemini Engineering. He published two Verilog HDL books and 100+ technical papers, tutorials, and articles through conferences and journals. Yatin serves as the board Chair for IEEE-ISTO.

He was inducted into IEEE-HKN (2014) and received the prestigious Ron Waxman DASC Meritorious Service Award (2016).

Statement

Interoperable solutions built on Technology Standards help improve people's lives independent of geographical, political, language, and cultural barriers. SA’s operational excellence facilitates a global, open, and transparent environment. We need to keep SA aligned with rapid advances and evolution in technology use, changes in legal and business systems, and our goal of serving broader humanity to maintain this excellence.

I have worked closely with experienced global volunteers and exceptionally motivated staff. Guiding SA’s financial management as IEEE-SA Treasurer and IEEE-SA FinCom Chair, I ensured SA’s growth through strategic investments in long term initiatives without undue risks.

As a member of the BoG, I will strive to:
• Focus standards’ impact on society through initiatives like ethical challenges in AI
• Foster SA’s flagship Corporate Program in emerging and mature technologies
• Improve financial sustainability through innovative products and services

I seek your support to serve the standards community. Thank you.
IEEE Accomplishments and Activities
(M’85-SM’12)

2024 Positions:
- Member, Board of Governors, IEEE-SA
- Chair, Finance Committee, IEEE-SA
- Chair, Awards & Recognition Committee, IEEE-SA
- Member, Awards Board, IEEE
- Member, Strategic and Emerging Standards Committee
- Vice Chair, Design Automation Standards Committee (DASC)
- Chair, Board of Directors, IEEE-ISTO

Past Governance Positions in IEEE-SA:
- IEEE-SA Board of Governors (2015-2023)
- IEEE-SA Treasurer (2015-2020)
- IEEE-SA Vice Chair for Appeals (2020), Member (2013-2015)
- IEEE-SA Corporate Advisory Group (CAG, 2012-2016)
- IEEE-SA Industry Connections Committee (Chair 2015, Member 2012-2015, 2020-2022)
- IEEE-SA Nominations and Appointments Committee (2016-2018)

Other IEEE OUs:
- IEEE Finance Committee (2015-2020)
- IEEE Public Visibility Committee (2016)
- IEEE Standards University (Funded by IEEE New Initiatives Committee 2016-2018)
- IEEE-SA Representative to Publication Services and Products Board (PSPB, 2017-2018)
- IEEE-SA Representative to Education Activities Board (EAB, 2012-2016)
- IEEE EAB Awards & Recognition Committee (2012-2016)
GLENN W. PARSONS
(Nominated by IEEE Standards Association)

Principal Standardization Advisor
Ericsson Canada, Inc.
Ottawa, Ontario, Canada
https://www.linkedin.com/in/glennwparsons/

Glenn Parsons is a dedicated standards engineering professional with 30 years of ICT experience who enjoys working with emerging technology. He is a globally recognized standards leader who is proactive in developing technical product strategies, and is proficient at aligning technical standards to match customer requirements. His active engagement in numerous standards organizations has provided him with tools, connections, experience and understanding of a wide range of standards activities.

Glenn is a principal standardization advisor for Ericsson Canada, where he coordinates standards strategy and policy, including network architecture for mobile transport networks. Over the past number of years, he has held several leadership positions in various standards organizations including IETF, IEEE, and ITU-T. In addition, he continues to present to industry conferences, publish in technical journals, and receive numerous performance awards and accolades.

He graduated in 1992 with a B.Eng. degree in electrical engineering from Memorial University of Newfoundland.

Statement

There are multiple standards development organizations available to industry. IEEE-SA offers a world class process and environment to attract practitioners who develop standards. While a strategy to grow existing activities is different than attracting new work, in all cases a balanced governance for participants is fundamental for standards development.

I often see an altruistic passion among standards practitioners to produce the best technological solution for their standards. We must focus on empowering our strong technical base and driving innovation to support how we conduct meetings and conferences. We must continue to ensure that IEEE-SA is recognized as a favorable venue to create technically excellent standards that are globally relevant.

I bring to the board my broad experience in all these areas, as well as first-hand experience in the sensibilities and sensitivities of many international standards organizations and stakeholders, which can drive an ongoing improvement of IEEE-SA.
IEEE Accomplishments and Activities
(S’90-M’95-SM’04)

Board Activities:
I have been active in groups reporting to the IEEE Board for a number of years:

- Industry Engagement Committee, Member: 2018-2019, corresponding Member 2021-2022
- Charles Proteus Steinmetz Award Committee, Member: 2015-2018
- Publication Services and Products Board, Member: 2019, 2023

Region Activities:
I have been an active participant in the Ottawa Section for decades, with the following recent IEEE Canada and Region 7 leadership positions:

- Standards Association Liaison: 2021-Present
- External Relations Committee, Vice-Chair: 2021-2022, Chair 2023-Present

Standards Association Activities:
I have spent 25 years as an active participant in IEEE 802. As editor of various IEEE 802 standards I received several awards for outstanding contribution. In 2014, my leadership was recognized when I was elected the Chair of 802.1. I have since driven promotion of Time-Sensitive Networking (TSN) in the industry and the WG was the recipient of the 2020 IEEE-SA Award for Emerging Technology.

I have also been an active participant with the IEEE-SA Board of Governors, Standards Board and its Committees:

- Board of Governors Member: 2011-2012, 2015-2016, 2022-2023
- Registration Advisory Committee Chair: 2010-2012, Past-Chair 2013-Present
- International SDO Committee Chair: 2013-2020
- Nominations and Appointments Committee Member: 2021, 2024
- Entity Collaborative Activities Governance Board (CAG) Member: 2014-2020, 2024-Present
- Standards Education Committee: 2015-2021

Society Activities:
I have been active in the Communications Society for decades, with recent leadership roles in publications:

- *Communications Magazine*, Technical Editor: 2008-2018

I have been an active participant in the Consumer Technology Society for many years, including this leadership role:

- Chair, Society Committee on Standards: 2021-2023
RAKESH KUMAR
(Nominated by IEEE Technical Activities)

President & CEO
Technology Connexions Inc.
Poway, California, USA
www.rakesh4vpta.com

Meet Rakesh by watching a brief video at ieee.org/ta-vp25/kumar or scan the QR code.

Rakesh has a distinguished semiconductor industry career, is an entrepreneur, and an educator. He founded two start-ups and made many technical and leadership contributions at Cadence, Unisys, and Motorola where he developed leading semiconductor technologies. As VP and GM at Cadence he built a successful Silicon Technology services business championing the integration of silicon, design and EDA in chip and system design. At Unisys and Cadence, he coordinated the implementation model that enabled the Fabless industry revolution and authored McGraw Hill’s “Fabless Semiconductor Implementation”. He is an IEEE Life Fellow, was inducted into the Technical Activities Hall of Honor. His many IEEE contributions include Chairing the IEEE/TA Data AdHoc & Roadmaps Committees, DataPort Chair, Industry Engagement committee member, SSCS Past-President, TA Chair for 3 Sections Congresses. He teaches Entrepreneurship at UC San Diego.

He received the EE Ph.D. and M.S. from Univ. Rochester, BTech. from IITDelhi, and Executive “MBA” from UCSD.

Statement

IEEE/TA has an excellent reputation and brand for being the premier research publication/conference venue. We are also very good at coming up with new ideas. However, we need to build on this reputation and focus on creating innovative solutions in a nimble and efficient way by further involving industry folks and the younger generation, making it relevant to them. I am proud to have demonstrated the launch and escalation of new pilots and projects like Roadmaps, AskIEEE and DataPort. These projects have leveraged my experience as an entrepreneur and a business manager. We need to find better ways to provide Technology for global initiatives such as Climate Change, the Chips Acts and the like. We have many activities in our “silos” but by working together we have the potential to be leaders and the “GO-TO” place for Technology solutions. We must expand our mindsets from creation of publications and conferences to creating solutions useful to Practitioners and humanity-at-large. Focusing on such solutions will draw in a younger community and potentially keep them. It will be my pleasure to advance these priorities if elected. We also need to grow our Members globally and continue to improve our records on Diversity.
Kumar has served in a wide-range of leadership roles. His efforts led to enhancements within TA. He initiated/implemented plans for SSCS Chapters expansion worldwide, increased cooperation and globalization across various OUs. He was inducted into the TAB Hall of Honor. He fosters cross-functional cooperation and innovation using his technical know-how and leadership skills.

Recent Leadership Roles:
- IEEE Data-based Business Strategy AdHoc Chair
- IEEE DataPort Chair
- IEEE Technology Roadmaps Committee Past-Chair
- IEEE Future Directions Committee
- CHIPS Volunteer Advisory Board Member
- IEEE Industry Engagement Committee Past-Member
- SSCS Strategy Adviser and Magazine Board Chair
- Boards of Governors – SSCS/SSIT/HKN
- MGA VoLT Instructor

Technical Activities Leadership:
- TMC 2015-2017
- Strategic Planning 2014-2016
- Vice-Chair Entrepreneurship 2015-2016
- Chair Society Turnaround Committee (SSIT) 2012-2014
- MGA Geographic Unit Operations Support Committee, TAB Representative 2011
- Ethics and Conflict Resolution 2010
- TAB FinCom 2009-2010

SSCS Leadership:
- Society Directions Committee Advisor 2021-Present
- President 2012-2013; Vice-President 2010-2011; Treasurer 2005-2009; CICC Representative to SSCS AdCom 2000-2004; Nominations Chair 2014-2015; Chair, Magazine Advisory Board, 2014-Present
- As SSCS President/President-Elect, promoted global presence outreach
  - Facilitated formation of 12 new Chapters (15% growth)
  - Led programs that transformed declining Society membership trend to positive annual growth (~2.5%)
  - Promoted volunteer recognition - Fellow nominations increased by 80%
  - Enhanced educational activities - >15 tutorials/short courses available online, 7 Distinguished Lecturer “Tours” in Regions 8-10 (participated in 3)
  - Launched successful SSCS Webinar Program
  - SSCS and EDS Distinguished Lectures
  - Supported GOLD/YP and WIE activities
  - Championed/promoted member value
- Spear-headed approval and launched IEEE Solid-State Circuits Magazine focused on historical, educational and newsworthy content (2005-2006). Tutorials Editor for five years
- Used Leadership skills that drove the formulation/approval of cross-functional publications:
  - IEEE RFIC Virtual Journal – Fostered cooperation between SSC/CAS/MTT/ED/AP Societies
  - JXCDC – IEEE Journal on Exploratory Computational Solid-State Computational Devices and Circuits (sponsors SSCS/Magnetics/NanoTechC/CAS/Computer; technical co-sponsors EDS/C Superconductivity/CEDA)
F. DON TAN
(Nominated by IEEE Technical Activities)

Distinguished Engineer, NGSS
Irvine, California, USA
www.don-tan.org

Meet Don by watching a brief video at ieee.org/ta-vp25/tan or scan the QR code.

Dr. Don Tan has served as Distinguished Engineer, Fellow, Chief Engineer-PC, Program Manager, Senior Department Manager and Center Director at a US Fortune 500 corporation. Don earned his Ph.D. from Caltech and is an IEEE Fellow.

A prolific visionary technical leader in ultra-efficient power conversion and electronic energy systems, he has pioneered breakthrough innovations with numerous high-impact industry firsts and record performances that received commendations from the highest-level of US Government.

Don received the IEEE PELS Distinguished Achievement Award for Aerospace Power and the IEEE McMurry Award, JESTPE Prize Paper Award, AAEOY Engineer of the Year Award, Distinguished Patent Award, and President Award for Innovation.

His technologies were licensed to major US and international companies. His national standards are used by the EPA's EnergyStar Program. Don delivered 90+ keynotes/invited presentations globally. He received more than $30M external customer funding for R&D. He serves on several national, IEEE and international awards/selection committees.

**Statement**

IEEE TAB’s key thrusts are to promote technical excellence and prestige. IEEE/TAB members deliver numerous conferences and publications that distinguish IEEE as a global powerhouse for professional engagement/technical innovations. I will provide effective leadership for IEEE/TAB for enhanced values for all IEEE/TAB members, including:

1. Invest in TAB’s future for potential upcoming interruption of TAB’s proven publication model, build effective, AI-driven tools for conferences and publications to strive for operational efficiency, and device effective programs for YP and industry members.
2. Develop disruptive (new) products/services that are IEEE analytics-based and AI-driven through an agile mobile infrastructure and increase industry participation by providing real value for their careers, recognizing engineering contributions/impact to society at large.
3. Pivot TAB for emerging technologies as the thought leaders in future technologies, streamlining workflow and enhancing transparency throughout the operation and provide leadership opportunities for diverse groups and regions, especially for
those from industry and young professionals.

4. Enhance Society/Council collaborations with new ways of collaborating among S/Cs, particularly between small and large S/Cs and between our sister major OU’s of the IEEE; provide personalized services to our diverse constituents from large, medium and small societies and councils; and enhance the values for Young Professionals.

**IEEE Accomplishments and Activities**

(S'89-M'95-SM'98-F'07)

Dr. Tan’s accomplishments are through consensus/inclusivity and tough decision-making:

- **Leadership in transitioning Transportation Electrification Initiative to Transportation Electrification Community (7 societies, 15 associates) and to Transportation Electrification Council (18 societies, 5 partners)**
- **As IEEE Fellow Committee Chair, led the implementation of the IEEE BoD’s improvements, among strong opinions (“Breathing into the fire”)**
- **As Division II Director, revamped the IEEE Charter-of-Accounts with new financial management/reporting system (+Concur)**
- **As Google/IEEE Little Box Challenge Chair ($1M award), ushered in a new model – developing technology through competition for national funding agencies**
- **As Journal of Emerging & Selected Topics in Power Electronics founding Editor-in-Chief, launched in 2013, indexed in 2015, and 5.97 impact factor in 2018**
- **As Power Electronics Society President, launched three publications and four conferences/workshops, ensuring PELS’ positions in emerging areas (doubled membership in a decade)**


**STEERING COMMITTEES:** eGrid (eT&D) Chair, 2015-2022. EECE/ECCE-Europe/ECCE-Asia, 2010-2018; PEDG; Inaugural WiPDA Honorary General Chair; PwrSoC Founding Steering Chair; WoW Steering Chair, 2014-2020.

**POWER ELECTRONICS SOCIETY:** President, 2013-2014; Vice-President Operations, 2008-2012; Vice-President Meetings, 2000-2004; Distinguished Lecturer, 2001-2004; APEC (fourth largest IEEE conference) General Chair, 1996-2001; LA Chapter Chair/Vice-Chair, 1996-2001.

**TRANSPORTATION ELECTRIFICATION COUNCIL:** President 2024-Present; Distinguished Lecturer, 2024-Present.


BARRY C. TILTON, P.E., PMP
(Nominated by IEEE-USA)
Technology Evangelist and Senior Director of Engineering
Maxar Intelligence
Herndon, Virginia, USA
www.barrytiltonieee.org

Meet Barry by watching a brief video at ieee.org/ieee-usa25/tilton or scan the QR code.

Barry Tilton is the Technology Evangelist and Senior Director of Engineering at Maxar Intelligence. He has over 39 years’ experience as an Electrical Engineer in the aerospace field and is both a Licensed P.E. and Certified Project Management Professional. He is a 20-year veteran of the US Air Force, where he had over 1000 flight hours as a test director, and worked as Chief Engineer, Chief Scientist, and Program Director for the US Defense and State Departments as well as several international efforts with countries on five Continents.

Barry earned his BSEE from USC and his MSEE from Northrop. He is a Senior Member of IEEE, Eta Kappa Nu and the AIAA, a life member of the USGIF and a Fellow of the American Geographical Society. He is the Immediate Past Director of IEEE Region 2. His current work includes expanding the applications of advanced technologies to space and mapping.

Statement

Greetings! I am honored to be a candidate for IEEE-USA President-Elect.

I believe everyone can and should engage with IEEE at multiple levels. In doing so they follow a path I call **V-I-P... Vision, Involvement and Passion**. To elaborate…

As society’s pace accelerates, our challenge is to succeed as standards, policies and protocols are in constant flux. As leaders, we must have **VISION** – the ability to discern what changes will produce what results – and how to appropriately react and adjust.

We must be **INVOLVED** – it is our professional responsibility to help society adapt to the changes for the betterment of all. In the US, this means making our voices heard and informing Governmental activities and at events such as the Congressional Fly-In.

Finally, approaches to problem solving must be infused with **PASSION**. The passionate carry on, setting an example for technical professionals/societies throughout the US to ensure our voice is heard.
With these tools, our volunteers can be successful in improving themselves, and since IEEE-USA can be with the US technical professional for their entire career, WE can provide guidance on development to keep our workforce world-class.

Thank you. I look forward to continuing to work with all of you.

IEEE Accomplishments and Activities
(M’86-S’89-M’90-SM’05)

Barry Tilton is a Senior Member of IEEE and a member of HKN. Within IEEE-USA he has served in some capacity for over 15 years. His engagements include continuous membership in, and former Chairmanship of, the Committee on Aerospace and Transportation Policy, three terms as the Region 2 representative to the Government Relations Council, 4 years Board service as Region 2 Director-Elect and Director, current chairmanship of the Ad Hoc on Space Community Engagement, and speaker/organizer of events at two of the IEEE-USA meetings when they were still a separate program activity.

In the MGA Realm, in addition to serving as Region 2 Director, he was Northern-Virginia Treasurer, Vice-Chair and Chair (twice) and was recognized as 2010 Volunteer of the Year.

Within TAB, he chaired the Joint NoVa/DC SSIT Chapter for two years, and is active in GRSS, TMC, SSIT, RAS and AESS (where he is a Member-at-Large on the Board of Governors).

In 2022 Barry chaired/managed the Ad Hoc on IEEE as Your Professional Home, evaluating the career arcs of the membership in academia, industry, governmental affairs and as young/senior professionals. The analysis resulted in revised marketing and an enhanced web presence across IEEE.

IEEE COMMITTEES/BOARDS:
- IEEE and IEEE-USA Board of Directors (2021-2022)
- AESS Board of Governors Member-at-Large (2024-Present)
- IEEE Ad Hoc Committee on IEEE as Your Professional Home (Chair, 2022)
- IEEE-USA Ad Hoc Committee Space (Chair, 2022-2023)
- IEEE MGA Liaison to the Standards Association/Board (Representative, 2023-Present)
- IEEE-USA Committee on Transportation & Aerospace Policy (Chair, 2012-2013)
  - Member, 2007-2021
- IEEE-USA Government Affairs (Region Representative, 2015-2017, 2023-Present)

REGION/SECTION:
- R2: Director (2021-2022); Director-Elect (2019-2020)
- NoVA Section: Chair (2010, 2013); Vice-Chair (2009); Board Member (2007-2008); Section Treasurer (2006); SSIT Chapter (Chair, 2009-2013; Treasurer 2014)

SERVICE:
- IEEE Member since 1986
- Member of AESS, GRSS, TMC, SSIT, RAS, Sensors Council
BOB G. BECNEL, P.E.
(Nominated by IEEE-USA)

Associate Technical Fellow
The Boeing Company
Saint Louis, Missouri, USA
http://www.becnel.com

Meet Bob by watching a brief video at ieee.org/ieee-usa25/becnel or scan the QR code.

Bob Becnel is Associate Technical Fellow with The Boeing Company in Saint Louis. His area of focus is on autonomous command and control RF communications. Since joining Boeing in 2005, Bob has been active in a broad range of communication and sensor systems. Previously, he was a Member of the Technical Staff at Lucent Technologies, where he was engaged in the design of large communication networks and has over 30 years of professional experience. Bob is a Professional Engineer and a Fellow with the National Society of Professional Engineers (NSPE) in the Industry Practice Division. Bob holds a B.S.Co.E. and B.S.E.E. from The University of Missouri and a M.S.E.E. from Washington University in St. Louis. Bob has been an adjunct instructor for over 10 years at Washington University. Bob is married and has two adult daughters. He and wife Verla live in Imperial, Missouri.

Statement

My previous experience as an IEEE-USA Board of Director and my Professional experience qualifies me for the position of IEEE-USA President-Elect. My focus will be aligning IEEE-USA with the new IEEE strategic plan and promoting achievable results that do not require large funding requirements, organizational restructuring, or governance changes. The following represent specific goals:

- Rebrand the Professional Activities volunteer position to that of an IEEE-USA liaison with the same duties for additional visibility of IEEE-USA within the Geographic Unit. Fund an in-person workshop for the IEEE-USA liaisons to market IEEE-USA.
- Seek collaborative opportunities in IEEE-USA for US members in NSBE, SHPE, SWE, or NSPE to help grow membership.
- Create materials for K-12 counselors to effectively coach students towards STEM careers in the semiconductor, aerospace, power, and other industries.
- Bundle IEEE and IEEE-USA webinars that can be certified as PDHs for PE and PMI members to satisfy continuing education requirements at no additional costs for current members and revenue opportunity from non-members.
- Explore opportunities to expand IEEE-USA additional outreach into MGA, TAB, and other major OUs. Promote Senior Membership and HKN to Young Professional members.

I look forward to serving you as IEEE-USA President-Elect in 2025.
IEEE Accomplishments and Activities
(M’00-SM’03)

Major Accomplishments:
- As Region 5 Director, resumed in-person operations for the Region after the Covid Pandemic.
- As IEEE-USA Board of Director member, jointly started an engineering licensure pilot for IEEE-USA with the IEEE Young Professionals to provide an instructor led review program for members. This program was handed off to the IEEE Young Professionals Committee this year.
- As IEEE Audit Committee Chair, I launched a Risk Ad Hoc to improve training and oversight of Risk Compliance at the IEEE OU level.
- As Region 5 Director, I established a biannual virtual graduation ceremony for all graduating undergraduate student members.

Committees/Board:
- IEEE Audit Committee (2022-Present), Chair (2023)
- Young Professionals Committee Ad Hoc on FE Review Course for Members (2023-Present)
- MGA Liaison to TAB/PSPB Products & Services Committee (Present)
- MGA Board Member, Region 5 Director (2022-2023)
- IEEE-USA Board of Directors, Region 5 Director (2022-2023)
- IEEE Board of Directors & Delegate, Region 5 Director (2022-2023)
- IEEE Awards Board (2022)
- MGA Operations Committee (2022)
- MGA Training Committee (2019-Present)
- IEEE Globecom Saint Louis, Exhibits Chair (2005)

Region:
- Region 5 Past Director, Bylaws Chair (2024-Present)
- Region 5 Director (2022-2023)
- Region 5 Director-Elect (2020-2021)
- Region 5 Finance Committee, Chair (2014-2017)
- Region 5 Treasurer, 2 terms (2014-2017)

Section:
- Past Chair, Saint Louis Section (2012)
- Chair, Saint Louis Section (2011)
- Vice Chair, Saint Louis Section (2010)
- Treasurer, Saint Louis Section (2009)
- Secretary, Saint Louis Section (2008)
- IEEE Sections Congress Delegate, Saint Louis Section (2008)

Student Branch:
- Counselor, Washington University in St. Louis (2014-Present)
- Chapter Advisor, Washington University in St. Louis, Delta Zeta (2023-Present)

Others:
- The Boeing Company’s External Technical Affiliation IEEE Committee (2008-Present)
- Member of Aerospace and Electronic Systems Society (2009-Present)
- Member of Antennas and Propagation Society (2012-Present)
- Member of Communications Society (2000-Present)
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Thank you for participating in the IEEE Annual Election.

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