

REGION 6 DIRECTOR'S MESSAGE



Dear Members and Volunteers,

As we prepare to celebrate the Fourth of July, I'd like to take this opportunity to share a mid-year update on my journey as Region 6 Director.

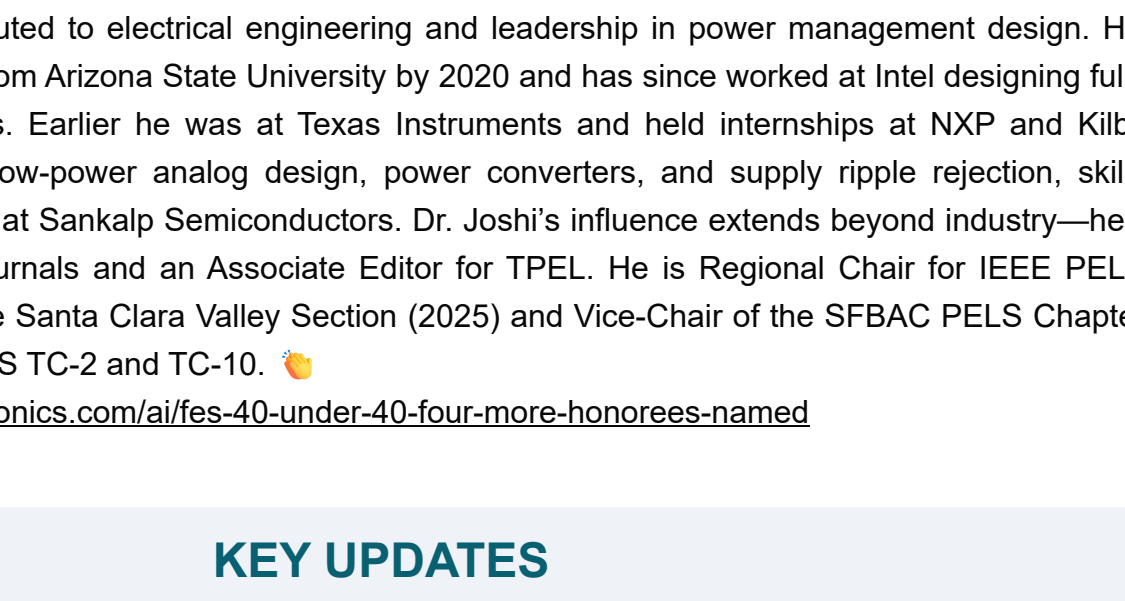
First and foremost, I want to express my heartfelt gratitude to the Region Directors who welcomed both me and Director-Elect Scott Tamashiro to their meetings. These collaborative exchanges have been invaluable—allowing us to showcase Region 6's member-led initiatives, such as the [Rising Stars Conference](#) in Las Vegas. I'm especially excited that this inspired Region 9 to launch its own [LATAM Rising Stars Conference](#) in Panama City, scheduled for August 15–16. These cross-regional connections are a testament to the strength of our shared vision—One IEEE.

Thanks to your collective efforts, Region 6 has made significant strides in the first half of the year. We've launched new Affinity Groups and Student Branches, reenergized student and Young Professional engagement, and proudly elevated over 1,000 members to Senior Member status.

As July and August bring some well-deserved time with loved ones, I am looking forward to the launch of the new Region 6 website. We'll continue deepening our partnerships with academia and industry to amplify the incredible work of our volunteers.

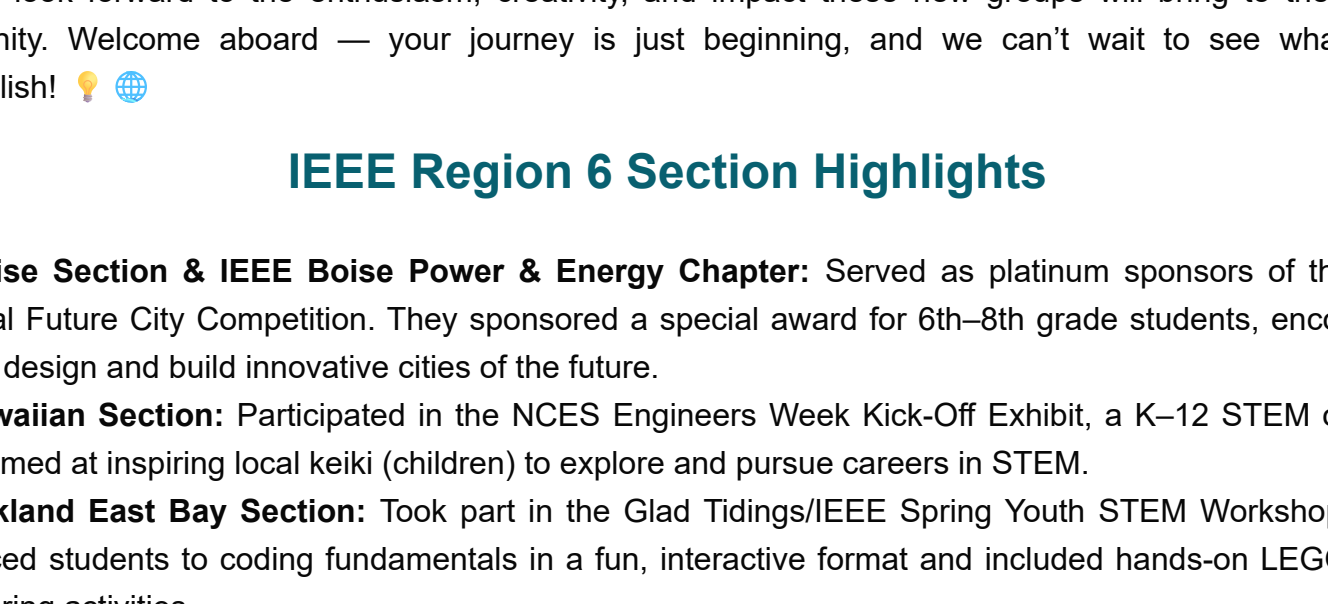
A special thank you to everyone who reached out with interest in volunteering. I hope your new roles within local Sections are proving to be both meaningful and energizing.

As always, I welcome your ideas, feedback, and questions. Feel free to reach out to me anytime at joseph.wei@ieee.org. Imagine the possibility of our collective impact working as One IEEE.

Joseph Wei

MEMBER SPOTLIGHTS

Fierce Electronics 40 under 40 award recipient: Kishan Joshi



🌟🌟🌟 IEEE Santa Clara Valley Section Vice Chair Kishan Joshi was the recipient of the prestigious award of Fierce Electronics 40 under 40. The inaugural awards presentation was timed in conjunction with the 40th anniversary of the Sensors Converge in Santa Clara, CA on June 25, 2025. This prestigious recognition highlights individuals under 40 who are driving advancements in technology, pushing boundaries, and shaping the future of electronics with their creativity, expertise, and impactful contributions. The award winners are selected from different parts of the world and include honorees from Tokyo to Europe to USA.

👤 Kishan Joshi has contributed to electrical engineering and leadership in power management design. He earned his M.S. and Ph.D. from Arizona State University by 2020 and has since worked at Intel designing fully integrated voltage regulators. Earlier he was at Texas Instruments and held internships at NXP and Kilby Labs. His expertise spans low-power analog design, power converters, and supply ripple rejection, skills honed since his early career at Sankalp Semiconductors. Dr. Joshi's influence extends beyond industry—he's a peer reviewer for IEEE journals and an Associate Editor for TPEL. He is Regional Chair for IEEE PELS Region 4-6, Vice-Chair of the Santa Clara Valley Section (2025) and Vice-Chair of the SFBAC PELS Chapter while also serving in the PELS TC-2 and TC-10. 🌟

Link: <https://www.fierceelectronics.com/ai/fes-40-under-40-four-more-honorees-named>

KEY UPDATES

New Organizational Units in Region 6

We're thrilled to officially announce the formation of three new IEEE groups that will further strengthen our community, expand engagement opportunities, and empower the next generation of engineers and innovators:

- The IEEE Student Branch at Carnegie Mellon University – Silicon Valley, part of the IEEE Santa Clara Valley Section.
- The IEEE Student Branch at University of Washington, Tacoma, part of the IEEE Seattle Section.
- The IEEE Young Professionals Affinity Group at Sacramento Valley Section.

🌟 We look forward to the enthusiasm, creativity, and impact these new groups will bring to the IEEE community. Welcome aboard — your journey is just beginning, and we can't wait to see what you accomplish! 🌍💡

IEEE Region 6 Section Highlights

♦ **Boise Section & IEEE Boise Power & Energy Chapter:** Served as platinum sponsors of the Idaho Regional Future City Competition. They sponsored a special award for 6th–8th grade students, encouraging them to design and build innovative cities of the future.

♦ **Hawaiian Section:** Participated in the NCES Engineers Week Kick-Off Exhibit, a K–12 STEM outreach event aimed at inspiring local keiki (children) to explore and pursue careers in STEM.

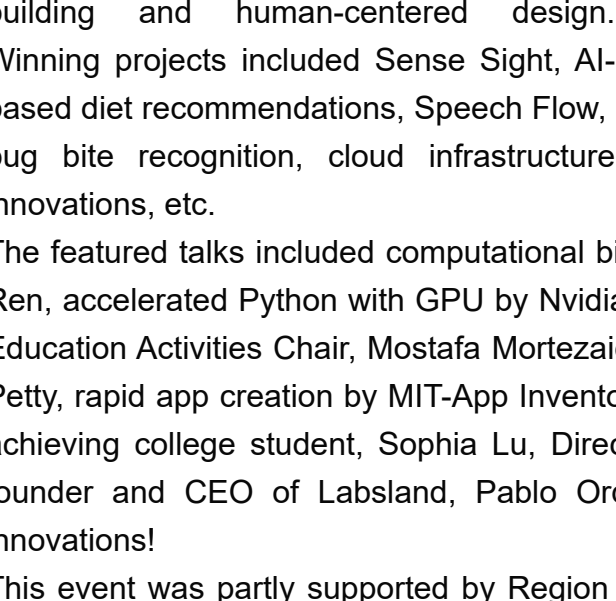
♦ **Oakland East Bay Section:** Took part in the Glad Tidings/IEEE Spring Youth STEM Workshop, which introduced students to coding fundamentals in a fun, interactive format and included hands-on LEGO-based engineering activities.

♦ **Oregon Section:** Joined Demos for STEM Week 2025, sponsored by IEEE. Section members led engaging activities, workshops, and demos for students, parents, and the broader community. A key feature was AI mini-lessons customized for students from Grades K–2, 3–5, and 6–12.

♦ **Northern Nevada Section:** Participated in the 2025 Carson City Library Family STEM Night, a free event featuring local STEM organizations, including IEEE. The evening offered interactive science and engineering activities for elementary-aged children, in partnership with groups such as the Society of Women Engineers, Desert Research Institute, and ASME.

♦ **Santa Clara Valley (SCV) Section:** Section Chair Avery Lu and IEEE-USA President Tim Lee served as panelists at a Career Development panel hosted by CASPA in San Jose. The event drew over 200 attendees, offering insights into career paths in engineering and technology. Section also hosted a Senior Membership Elevation & Networking Event timed in conjunction with the Sensor Converge Conference at Santa Clara Convention Center, Santa Clara, CA, on June 25, 2025. This event was designed to support and elevate eligible IEEE SCV Section members to Senior Member grade — the highest IEEE membership level that can be achieved through application.

Region 6 joint Northeast and Southwest Areas Meeting



On May 3rd, the Northeast and Southwest Areas of IEEE Region 6 held a successful joint meeting at the 🏡 **The University of New Mexico** campus in Albuquerque! Valuable updates and training from our Region 6 Executive Committee were transferred:

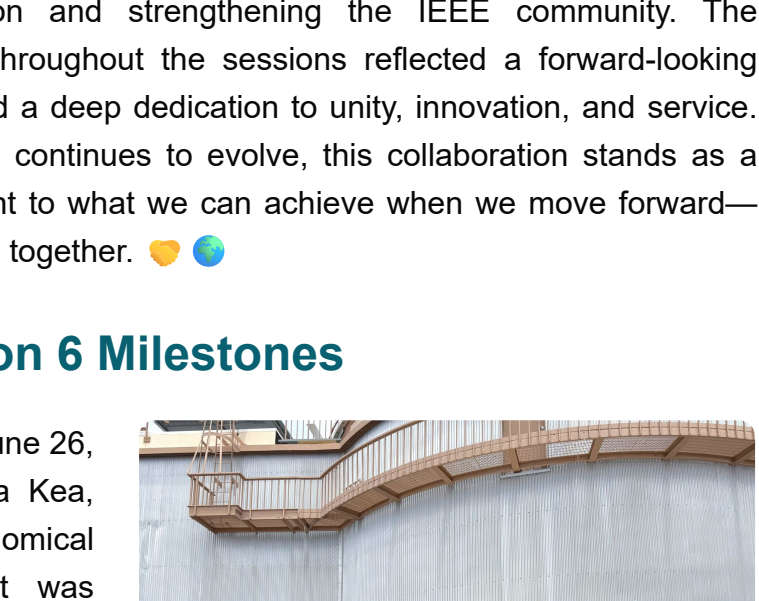
- Director – **Joseph Wei**
- Director-Elect – **Scott Tamashiro**
- Treasurer – **Sargent Benson, P.E.**
- YP – **Brianne Tengan**

- WIE / SPAX – **Peijung Tsai**
- Student Activities – **Alberto Tam Yong & Daniel T.**
- PACE – **Amber Orr**
- VTools Training – **Sanjay Samuel, MBA**
- Educational Activities – **Mostafa Mortezaie**

A major highlight was touring the LOBOmotorsports lab—where students design and build cars for the Formula SAE competition—from the ground up! We also had a chance to explore the fascinating Nuclear Museum. Huge thanks to the IEEE Albuquerque Section for helping plan the event, and special appreciation to Elsa Maria Castillo for graciously hosting us at UNM 🌸🌸🌸.

Region 6 and 10 Collaborations in STEM Activities

💙💛 A collaborative effort between IEEE members from Region 6 and 10 in Kolkata Section, Santa Clara Valley Section, and San Diego Section to enhance STEM education for disadvantaged girls culminated in implementation of a transformative STEM workshop titled “*Technological Solutions to Disasters Using STEM Kits*” on May 14, 2025 at a disadvantaged girl school named PACE Learning Center in Gaurdaha, West Bengal, India. The preparation was coordinated via video conferencing over a period of months between California and Kolkata.

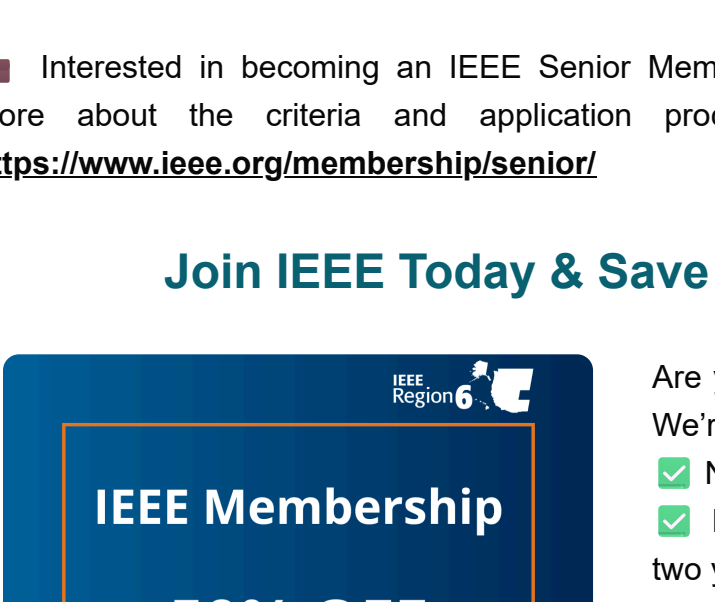


The effort in Kolkata was led by the Heritage Institute of Technology faculty, Dr. Mousiki Kar and supported by five college students. The event received support and was organized by IEEE Kolkata Section SIGHT, IEEE MOVE Outreach India Program and IEEE EDS CoE Heritage Institute of Technology. Targeting underserved girls in a region vulnerable to sex trafficking, the workshop aimed to empower students with practical STEM-based solutions for disaster resilience.

A discussion on types of disasters was followed by demonstrations of Earthquake and Flood Warning Systems, Gas Leakage and Moisture Detection Systems, Solar and Automatic Street Light. The lesson plans were prepared based on TryEngineering model. The hands-on experience strengthened their problem-solving skills and promoted awareness of how STEM can drive climate action and community safety.

Link: <https://www.paceuniversal.org/girls-school-india>

IEEE Region 6 Executive meeting



On May 31st, **IEEE Region 6** Executive Committee members gathered in beautiful Hawaii! 🌺🌺🌺 for a productive in-person meeting filled with collaboration, planning, and inspiration. Led by Region 6 Director **Joseph Wei**, the meeting brought together dedicated volunteers and leaders from across the western U.S. to share updates, align on key initiatives, and discuss strategies to better serve our members.

We're incredibly grateful for all the energy and insight each participant brought to the table. Face-to-face conversations like this are so important for building stronger connections and driving impactful action. Looking forward to continuing the momentum and delivering value to our IEEE communities across Region 6!

Silicon Valley Young Scholars AI Workshop & Hackathon

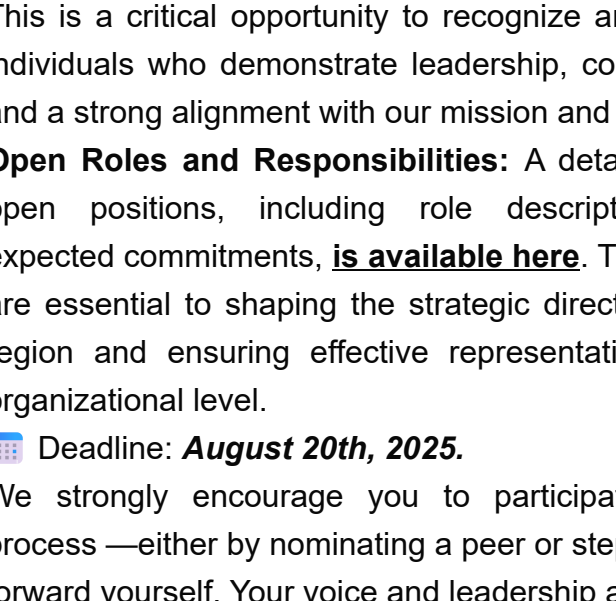
On June 7–8, 2025, the Silicon Valley Young Scholars Workshop & Hackathon empowered high school and college students from 33 cities to explore cutting-edge AI tools and build real-world impact projects. Participants tackled global challenges through real-time AI model building and human-centered design. Winning projects included Sense Sight, AI-based diet recommendations, Speech Flow, bug bite recognition, cloud infrastructure innovations, etc.



The featured talks included computational bioethics lab by Young Scholars **Claire Xu**, Charly Petty, Elizabeth Ren, accelerated Python with GPU by Nvidia Solution Architect Zoe Ryan, mentorship talks by IEEE region 6 Education Activities Chair, Mostafa Mortezaie, IEEE SCV Section Chair, **Avery Lu**, SFBay ACM Chair Ronald Petty, rapid app creation by MIT-App Inventor ambassador Tony Huang and his team, pathway to success by achieving college student, Sophia Lu, Director of DigKey Global Academic Program, Y.C. Wang, and Co-founder and CEO of Labsland, Pablo Orduña. Congratulations to the AI Hackathon winners and their innovations!

This event was partly supported by Region 6 Professional Activities Committees for Engineers (PACE) fund (\$500), matched by Santa Clara Valley Section fund (\$500).

2025 IEEE Region 1 & Region 2 Joint Board Meeting



On June 7, 2025, IEEE Region 6 Director Joseph Wei and Director-Elect, Scott Tamashiro attended the joint IEEE Region 1 and Region 2 meeting in Pentagon City, Virginia. The event marked a significant milestone in the ongoing merger efforts between the two regions, united under the theme “*Better Together*.” The meeting showcased the enthusiasm, collaboration, and shared vision of volunteers from both regions, all committed to advancing the engineering profession and strengthening the IEEE community. The energy throughout the sessions reflected a forward-looking spirit and a deep dedication to unity, innovation, and service. As IEEE continues to evolve, this collaboration stands as a testament to what we can achieve when we move forward—stronger, together. 💙💚

2025 IEEE Region 6 Milestones

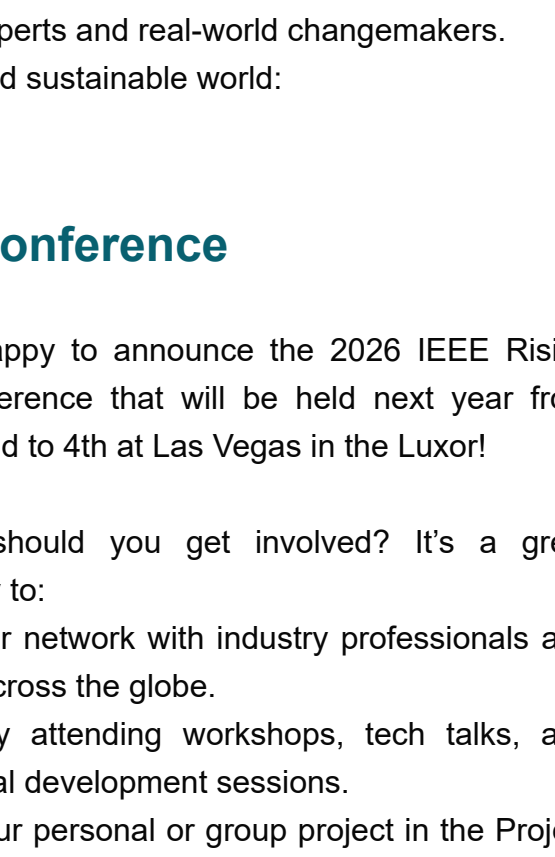
The IEEE Milestone plaque was officially unveiled on June 26, 2025, at the historic UH88 telescope site on Mauna Kea, commemorating its significant contributions to astronomical research and technological innovation. The event was followed by a special ceremony held at the Institute for Astronomy (IfA) facility at the University of Hawai'i at Hilo, where IEEE representatives gathered to honor the legacy of the telescope and its global impact on space science. 🌟💙



MEMBERS ENGAGEMENT

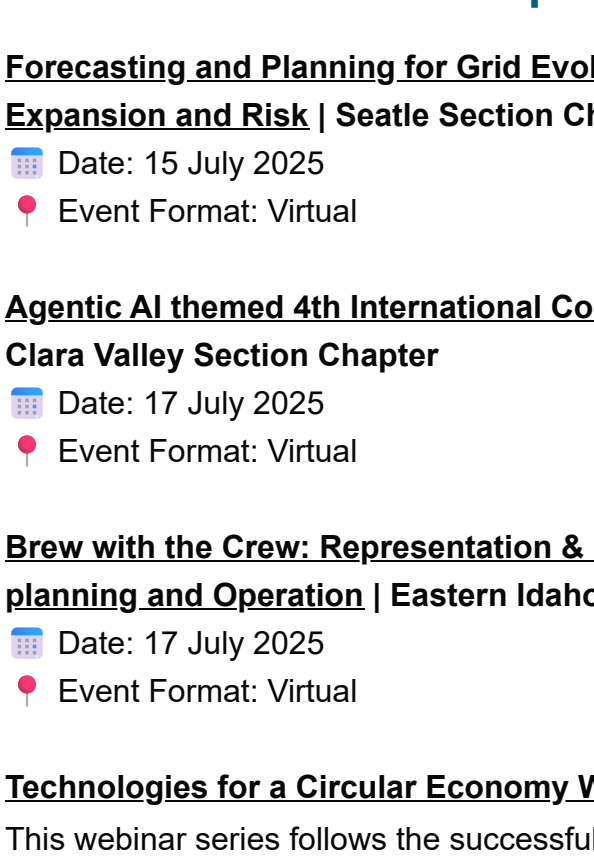
Congratulations to our new IEEE Senior Members!

We're proud to recognize the outstanding accomplishments and professional excellence of members who have recently achieved IEEE Senior Member status in Region 6. Becoming an IEEE Senior Member is a significant career milestone — one that honors not only technical contributions and professional maturity, but also leadership and impact in advancing technology for the benefit of humanity. Your dedication, innovation, and hard work truly inspire us all and continue to elevate our engineering community. 🌟



📁 Interested in becoming an IEEE Senior Member? Learn more about the criteria and application process here: <https://www.ieee.org/membership/senior/>

Join IEEE Today & Save 50% on Membership Fees!



Are you considering joining IEEE? Now is the perfect time! We're offering a 50% discount on membership fees for:

- ✅ New members who are joining IEEE for the first time
- ✅ Former members who have had a membership gap of two years or more

Don't miss out—take advantage of this special offer and be part of our growing community! 💡🌟

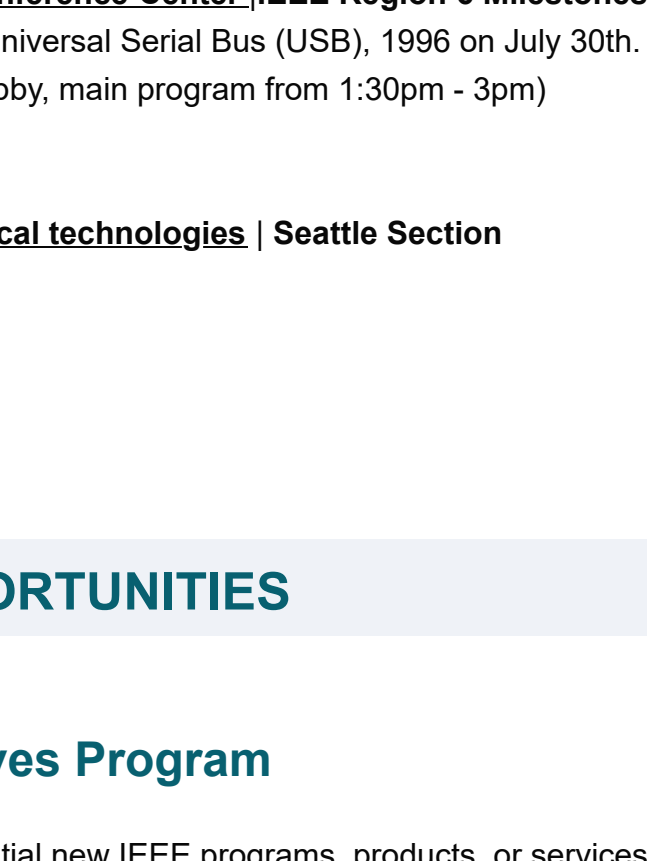
📄 Act now and join us today: <https://lnkd.in/gXtCVjxs>

Call for Nominations: 2025 IEEE USA Awards

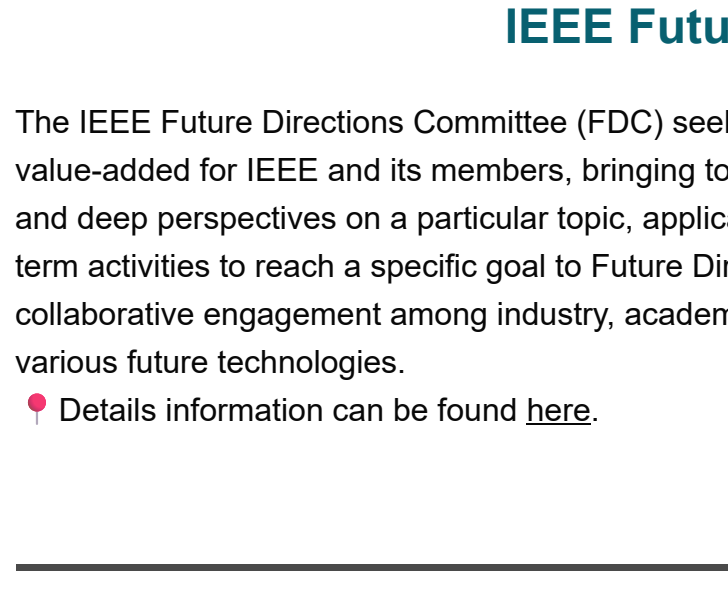
The 2025 **IEEEUSA awards** nomination cycle is now open! 🌟 It's time to celebrate excellence and recognize those making an impact in their fields. Nominate a colleague, a mentor, or even yourself for one of IEEE-USA's prestigious awards. 🏆 Don't miss this opportunity to shine—submit your nominations today!

Nominate now: ieeegh.org/awards

📅 **Deadline: 15 September 2025**



Call for Nominations: 2026 MGA Committee Member Positions



The IEEE Member and Geographic Activities (MGA) Nominations and Appointments (N&A) Committee is now accepting nominations for a wide range of 2026 committee member positions. These roles provide a unique opportunity to contribute to the leadership and strategic direction of IEEE's global activities.

📄 **Nomination Deadline: 1 August 2025**

IEEE Regions are strongly encouraged to submit nominations to ensure global representation.

Self-nominations are welcomed and encouraged. A full list of open positions, committee descriptions, and details about the nomination process can be found on the [MGA Nominations and Appointments website](#).

For inquiries, please contact: mga-noms@ieee.org

Call for Nominations: IEEE-USA Board of Directors

We are pleased to announce that the Nominations and Appointments process for IEEE-USA is officially open. This is a critical opportunity to recognize and elevate individuals who demonstrate leadership, commitment, and a strong alignment with our mission and values.

Open Roles and Responsibilities: A detailed list of open positions, including role descriptions and expected commitments, [is available here](#). These roles are essential to shaping the strategic direction of our region and ensuring effective representation at the organizational level.

📄 **Deadline: August 20th, 2025.**

We strongly encourage you to participate in this process—either by nominating a peer or stepping forward yourself. Your voice and leadership are vital to our continued success.

If you have any questions or need assistance with the nomination process, please contact Kayla Henneberry at k.henneberry@ieee.org.

EVENTS AND CONFERENCES

Upcoming conferences

2025 IEEE Global Humanitarian Technology Conference

IEEE GHTC is IEEE's flagship humanitarian technology conference, bringing together engineers, researchers, practitioners, policymakers, and community leaders from around the world to share solutions that address the needs of underserved and marginalized communities.

📅 Dates: October 22–25, 2025

📍 Location: Colorado School of Mines, Colorado, USA

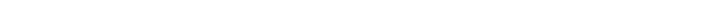
💡 This year's theme: “Technologies in Context”
Explore how technology can be applied meaningfully and ethically in social, cultural, environmental, economic, and political contexts, emphasizing community collaboration, decolonial practices, and sustainable impact.

🌟 Whether you're working in the field, academia, or policy — or passionate about tech for good — GHTC 2025 offers a unique opportunity to engage with interdisciplinary experts and real-world changemakers.

👉 Register now and be part of building a more just, connected, and sustainable world:

🌐 <https://ieeegh.org>

2026 IEEE Rising Stars Conference



We are happy to announce the 2026 IEEE Rising Stars Conference that will be held next year from January 2nd to 4th at Las Vegas in the Luxor!

🌟 Why should you get involved? It's a great opportunity to:

- Build your network with industry professionals and students across the globe.
- Learn by attending workshops, tech talks, and professional development sessions.
- Share your personal or group project in the Project Showcase Competition!

📄 Save the date and refer to the website link for more information: <https://lnkd.in/gZe8nmhU>

📄 Sign up for the mailing list to get notified when registration launches: <https://lnkd.in/gspgTuUK>

Upcoming local events

Forecasting and Planning for Grid Evolution with LoadSEER: A Spatial Approach to Electric Expansion and Risk | Seattle Section Chapter

📅 Date: 15 July 2025

📍 Event Format: Virtual

Agentic AI themed 4th International Conference on Applied Data Science (ICADS) 2025 | Santa Clara Valley Section Chapter

📅 Date: 17 July 2025

📍 Event Format: Virtual

Brew with the Crew: Representation & Impact of Hydrological Conditions of Power system planning and Operation | Eastern Idaho Section

📅 Date: 17 July 2025

📍 Event Format: Virtual

Technologies for a Circular Economy Webinar Series | IEEE SusTech and IEEE Future Direction
This webinar series follows the successful workshop on the same topic at the IEEE SusTech 2025 conference in Santa Ana, CA.

📅 Date: 17 July 2025

📍 Event Format: Virtual.

IEEE Milestone dedication at the Intel Jones Farm Conference Center. | IEEE Region 6 Milestones
Dedication and unveiling of the IEEE Milestones for the Universal Serial Bus (USB), 1996 on July 30th.

📅 Date: 30 July 2025 (12:30pm check-in in the JFCC lobby, main program from 1:30pm - 3pm)

📍 Event Format: in-person

IEEE at SeattleCon: Digital Preservation and Biomedical technologies | Seattle Section

📅 Date: 13 - 17 Aug 2025

📍 Event Format: In-person

More local events can be found here: [Link](#)

FUNDING OPPORTUNITIES

IEEE New Initiatives Program

The New Initiatives Program is designed to support potential new IEEE programs, products, or services that will provide significant benefit to IEEE members, the public, the technical community, and customers, or which could have lasting impact on the IEEE or its business processes. Initiatives must be of strategic importance to IEEE.

🌟 Details on specific procedures for the submission can be found [here](#).

IEEE Future Directions

The IEEE Future Directions Committee (FDC) seeks to identify, develop, and promote projects that are value-added for IEEE and its members, bringing together multiple Societies and Councils to provide broad and deep perspectives on a particular topic, application, or technology. These projects range from short-term activities to reach a specific goal to Future Directions Initiatives seeking longer-term cross-collaborative engagement among industry, academia, and government striving to develop and deploy various future technologies.

🌟 Details information can be found [here](#).

