

2025 Annual Report

Igniting Ideas.

Shaping a Better Tomorrow.

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Igniting Ideas. Shaping a Better Tomorrow.

Behind Wi-Fi connections, electric vehicle charging stations and AI interactions lies the impact of IEEE. As the world's largest technical professional organization and a public charity, we've been advancing technology for the benefit of humanity for more than 140 years. We provide a global community that powers progress and drives innovation forward, making the world a better place.

Our more than 500,000 members worldwide are the engineers, science and technology professionals, policymakers and visionaries at the center of what's next in technology. They are the experts who help shape and catalyze tomorrow's breakthroughs. Our global community has extraordinary breadth and unmatched scale to help develop standards that enable billions of devices to connect seamlessly, conduct the research that becomes tomorrow's discoveries and establish the ethical frameworks that ensure technology serves the greater good.

Through collaboration with our members, volunteers and staff, the organization brings together interdisciplinary perspectives across industries and academia to tackle humanity's greatest challenges. This report showcases how, in 2025, IEEE continued to ignite ideas and shape a better tomorrow for all.



[▶ CLICK TO WATCH VIDEO](#)

A Message From Kathleen A. Kramer, 2025 IEEE President & Chief Executive Officer, and Sophia A. Muirhead, IEEE Executive Director & Chief Operating Officer

Across our global organization, the year 2025 was marked by successful efforts to work together more intentionally and effectively as One IEEE, strengthening our strategic focus and increasing our breadth of change-making collaborations, including a highlighted commitment to efforts in innovation, public policy and education.

By aligning leadership, resources and decision-making across organizational units within IEEE, we can apply and leverage collective expertise to invest in the broad range of technical, scientific and multidisciplinary fields that define IEEE's global community, honor our heritage and better serve the public. This integrated approach, known as One IEEE, is strengthening IEEE's ability to operate as a cohesive global organization and requires ongoing commitment as we accelerate mission-driven, high-impact initiatives.

In the first year of the new 2025-2030 IEEE Strategic Plan and guided by it as a north star, leadership continued the ongoing work of strengthening coordinated priority-setting and aligning outcomes across IEEE's diverse and complex organization. This sustained effort has improved IEEE's ability to act cohesively to ensure we remain the most trusted source of technical information, while we advance ethical and innovative technology development, expand interdisciplinary collaboration and support lifelong professional growth. Our impact grows as we empower our shared purpose.

IEEE public-imperative activities are core to its identity as a public charity and serve where our expertise positions us to deliver the most impact. The emphasis on this aspect of our identity is part of an ongoing organizational transition and sustained commitment. Activities across realms, including humanitarian technology, STEM outreach, sustainability, public education and ethical technology development increase their impact by being recognized as driven by our core technical purpose and mission. An operational change of significance was the redesign of the budget process to align financial resources with impact-focused priorities. This ensures these programs are supported as foundational organizational infrastructure. This serves to strengthen public trust and creates meaningful pathways for students and young professionals to apply their knowledge and skills to real-world challenges across IEEE fields of interest.

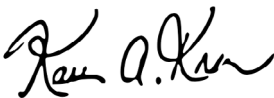
Education continues to be a defining focus. IEEE advanced a coordinated One IEEE strategy across the global learning continuum, aligning pre-university STEM outreach, university programs, accreditation and professional development to build a cohesive ecosystem that supports the future STEM workforce and nurtures the next generation of leaders across technical and scientific fields.

IEEE's global influence was further strengthened through its standards development, world-leading conferences and trusted publications, which continued to shape emerging technologies and provide the technical foundation for innovation worldwide.

IEEE's longstanding leadership in engineering, science and technology, combined with a passion to make a difference for humanity, continue to anchor its role in today's critical technology debates, from AI safety and data governance to cybersecurity, quantum-era security and infrastructure resilience. Decades of standards work, ethical frameworks and all-applying cross-disciplinary expertise position IEEE to guide emerging technologies in ways that strengthen public trust and societal well-being. This foundation keeps IEEE central as AI, quantum computing, next-generation networks and other technologies emerge to reshape the future of global innovation.

2025 has catalyzed IEEE to lead with integrity, vision and unity. Together, the IEEE community – leaders, volunteers, members and staff – will continue to advance technology for humanity, strengthening the organization, empowering the global community and shaping a future grounded in ethical, sustainable and innovative technological progress.

Sincerely,



Kathleen A. Kramer

2025 IEEE President & Chief Executive Officer



Sophia Muirhead

IEEE Executive Director & Chief Operating Officer

Recognizing Spirit and Excellence

The President's Coin is a personal recognition from the IEEE President. This year's coin honors individuals whose exceptional service, dedicated stewardship and deep commitment to IEEE's shared mission exemplify the spirit and excellence that drive IEEE forward.



ABOVE: IEEE President Kathleen Kramer recognized members, volunteers and staff with the President's Coin.

IEEE by the Numbers

All numbers below reflect 2025 totals

IEEE Xplore® Digital Library

7,058,869 Total Documents

391,327,327 Total Usage (PDF downloads and HTML Views)

339,217 New Conference Papers

118,081 New Journal and Magazine Articles

234 Standards Approved for Publication

IEEE Members

533,598 Total IEEE Members

TOP 5 COUNTRIES FOR MEMBERS:

161,348 United States

114,337 India

59,182 China

14,582 Japan

14,453 Canada

IEEE Student Members

224,718 Total IEEE Student Members

TOP 5 COUNTRIES FOR STUDENT MEMBERS:

88,496 India

28,952 China

25,668 United States

7,444 Tunisia

4,421 Jordan

10 Regions Worldwide

349 Sections

3,759 Student Branches

2,914 Chapters

Conferences

2,608 IEEE Sponsored

695,000 Conference Attendees



IEEE's mission to advance technology for humanity is powered by its people. Reaching 500,000 members is a monumental milestone that amplifies our collective ability to innovate, standardize and educate on a global scale.

IEEE Society Memberships

7,747	IEEE Aerospace and Electronic Systems Society	41,886	IEEE Power & Energy Society
16,461	IEEE Antennas and Propagation Society	14,186	IEEE Power Electronics Society
5,807	IEEE Broadcast Technology Society	1,488	IEEE Product Safety Engineering Society
20,302	IEEE Circuits and Systems Society	766	IEEE Professional Communication Society
44,775	IEEE Communications Society	4,543	IEEE Reliability Society
13,019	IEEE Computational Intelligence Society	25,484	IEEE Robotics and Automation Society
65,632	IEEE Computer Society	23,132	IEEE Signal Processing Society
3,164	IEEE Consumer Technology Society	2,492	IEEE Society on Social Implications of Technology
9,371	IEEE Control Systems Society	11,032	IEEE Solid-State Circuits Society
2,383	IEEE Dielectrics and Electrical Insulation Society	8,254	IEEE Systems, Man, and Cybernetics Society
9,267	IEEE Education Society	3,909	IEEE Technology and Engineering Management Society
3,707	IEEE Electromagnetic Compatibility Society	2,085	IEEE Ultrasonics, Ferroelectrics, and Frequency Control Society
13,715	IEEE Electron Devices Society	12,464	IEEE Vehicular Technology Society
8,077	IEEE Electronics Packaging Society		
17,468	IEEE Engineering Medicine and Biology Society	484,196	TOTAL SOCIETY MEMBERSHIPS
8,839	IEEE Geoscience and Remote Sensing Society		
21,269	IEEE Industry Applications Society		
13,863	IEEE Industrial Electronics Society		
5,084	IEEE Information Theory Society		
4,188	IEEE Instrumentation and Measurement Society		
3,393	IEEE Intelligent Transportation Systems Society		
4,707	IEEE Magnetics Society		
18,092	IEEE Microwave Theory and Technology Society		
3,114	IEEE Nuclear and Plasma Sciences Society		
2,033	IEEE Oceanic Engineering Society		
6,998	IEEE Photonics Society		

53%

of IEEE members
belonged to one or
more societies
in 2025

Your Professional



Making Connections That Accelerate Innovation

In 2025, IEEE brought together members and volunteers from around the world to advance technology and turn ideas into action, driving innovations that shape our collective future. This was accomplished with technology professionals, policymakers and organizations coming together to share their incredible expertise and discuss how to accelerate innovation.



IEEE Conferences and Events Showcase Emerging Technologies Worldwide

IEEE conferences showcased groundbreaking research and emerging technologies, reflecting the organization's commitment to fostering innovation and collaboration across the global technical community. From the latest in robotics, supercomputing and AI to promoting cleaner technologies, IEEE was at the center of innovation.

IEEE convened the world's leading researchers, engineers and innovators at premier conferences worldwide to explore how AI-empowered intelligent systems are transforming industries and enhancing human collaboration. These gatherings served as powerful platforms for exploring how robotics and AI are converging to create the next generation of intelligent systems that will advance society and improve lives.

Robotics for a Better Tomorrow

- **ICRA Breaks Attendance Record (Atlanta, GA)**

The [2025 IEEE International Conference on Robotics and Automation \(ICRA\)](#) drew more than 7,000 participants to experience the latest advancements in robotics and automation.



 [CLICK TO WATCH VIDEO](#)

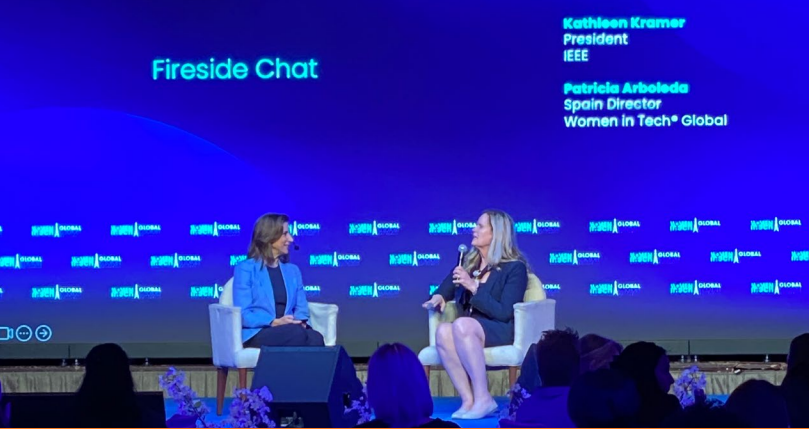


- **Humanoids Conference Explores Robotics Innovation (Seoul, Korea)**
Robotics enthusiasts, research institutes, academic organizations, manufacturers and startups from around the world gathered to share the latest advancements in humanoid robots and machine learning at [Humanoids 2025](#).
- **Conference on Intelligent Robots and Systems Examines Impact of AI (Hangzhou, China)**
The [2025 IEEE/RSJ International Conference on Intelligent Robots and Systems \(IROS\)](#) took place under the theme “human-robotics frontier,” exploring how AI-empowered intelligent systems are transforming industries and enhancing human collaboration.
- **IEEE Hosts Telepresence Competition at Robopalooza (Perth, Australia)**
IEEE Future Directions hosted its second annual [Telepresence Competition at Robopalooza 2025](#). The competition featured 13 teams from six continents. Participants guided their remote-controlled rovers through a tricky obstacle course of sandy, rocky terrain, with the fastest team taking home a US\$5,000 prize.
- **Supercomputing 25 Unites Global Community (St. Louis, MO)**
[SC25](#) showcased the best of what the global supercomputing community can achieve technically, creatively and collaboratively. The workshop program consisted of three tracks covering emerging neurotechnologies, machine learning and computer paradigms for brain discovery and clinical applications and impact.

 500+ Exhibitors	 16,500+ Global Attendees
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TOP LEFT: Humanoid robots box each other in the ring while onlookers observe at the IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS).

TOP RIGHT: Volunteers and attendees within the exhibit hall at Supercomputing 2025. Photo Credit: Lillie Elliot, SC Photography



- **IEEE Tech Summit Advances Climate Innovation (Glasgow, Scotland)**
[IEEE Tech Summit 2025](#) brought together 200 global leaders at the intersection of policy, engineering, business and entrepreneurship in one of Europe’s greenest innovation cities. Participants explored the future of clean technology, including electrification, AI in clean tech, circular electronics, green mobility and ocean tech, while examining the human, financial and regulatory forces shaping the clean energy transition.
- **Experts Explore Innovations in Brain Research and Neurotechnology (Vancouver, BC, Canada)**
[The IEEE Brain Discovery and Neurotechnology Workshop](#) brought together researchers and practitioners across academia, industry and the clinical profession. The event highlighted innovative neurotechnology and brain research methods, emphasizing their potential to improve understanding of the brain and address a wide range of health issues to improve the human condition. Panel sessions explored the ethical implications of neurotechnology, the development of standards, clinical priorities and challenges and future growth areas in these emerging fields.

Engaging Global Stakeholders in the Future of Technology

IEEE President Kathleen Kramer represented IEEE on the world stage, participating in key international forums and events that shaped the future of technology and policy. Kramer spoke at the World Summit on the Information Society (WSIS)+20 Forum in Geneva, participated in the Women in Tech Summit and engaged with global leaders at conferences and policy discussions across the globe.

TOP LEFT: IEEE President Kathleen Kramer (on right) and guest speaker at the AI for Good Global Summit, Photo Credit: ITU
 TOP RIGHT: IEEE President Kathleen Kramer (on left) and Secretary-General, ITU Doreen Bogdan-Martin, Photo Credit: ITU



IEEE Convene Shapes the Future of Global Events

[IEEE Convene](#) 2025 took place in Lisbon, Portugal, bringing together IEEE conference organizers, leaders and professionals to envision the future of IEEE events. The gathering centered on open dialogue, shared insights and purposeful collaboration to improve conference leadership. This event helped reinforce IEEE's commitment to creating impactful, forward-thinking conference experiences.

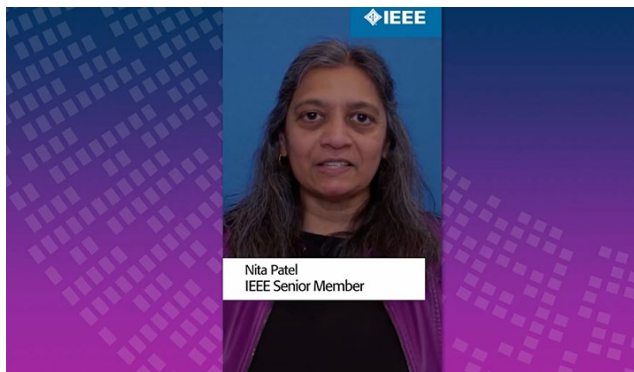
250+
Participants
From
30+
Countries

IEEE Engages at Major Industry Events

IEEE also had a presence at major industry events, including CES, Mobile World Congress and Futurecom, connecting with technology leaders and innovators across the globe. The events provided opportunities for IEEE to demonstrate thought leadership and reinforce its key role in bringing emerging technologies to life.

- **IEEE Panel Examines AI's Promise and Challenges at CES (Las Vegas, NV)**

IEEE hosted a panel titled "[Can AI Deliver Technology for Good?](#)" exploring the tension between AI's transformative capabilities and its vast energy consumption and ethical concerns. Led by IEEE Spectrum Editorial Director Glenn Zorpette, the panel examined critical issues including deepfakes, trustworthiness and AI's potential to deliver positive outcomes.



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TOP LEFT: Charlie Jackson, Chair, Conference Nominations, Appointments and Recommendations Committee and Walter Scheirer, General Chair and iCon recipient for the 2024 IEEE/CVF Conference on Computer Vision and Pattern Recognition.

TOP RIGHT: IEEE President Kathleen Kramer shares her experiences at CES.



- **IEEE Builds Connections at Mobile World Congress (Barcelona, Spain)**

IEEE contributed to conversations on emerging connectivity standards and innovations that are shaping the industry's trajectory.



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- **IEEE Explores Sustainability at Futurecom**

At Futurecom 2025, IEEE hosted an event focused on leveraging technology for a sustainable planet. The gathering brought together members of the media, technology leaders and innovators to explore how emerging technologies can address environmental challenges and drive meaningful progress toward global sustainability goals.

IEEE Bridges Industry Connections

IEEE has an immeasurable impact on industry, with its network of technology experts influencing the way people live, work and communicate. IEEE continues to make inroads, creating connections and reinforcing the value that collaborating with IEEE can bring, ranging from providing a neutral, collaborative environment to developing standards to contributing technical perspectives from diverse disciplines.

Both IEEE President Kathleen Kramer and IEEE President-Elect Mary Ellen Randall shared insights with industry leaders on how IEEE is making an impact with audiences in Asia and explored new avenues for knowledge sharing in the region.

TOP LEFT: IEEE President-Elect Mary Ellen Randall and IEEE Humanitarian Technologies Board Chair Grayson Randall with representatives of HAMAMATSU Photonics K.K. during their Japan Industry Tour to increase engagement in Japan.

TOP RIGHT: Staff, volunteers and attendees at Futurecom



Inspiring the Next Generation of Technologists

In 2025, IEEE strengthened its global community by actively engaging students and young professionals who will help lay the foundation for the next big breakthrough. Through its extraordinary breadth and worldwide network of members and volunteers, IEEE provides a place where the next generation of talent can find inspiration and forge professional connections to advance their careers in technology.

Top: IEEE Rising Stars Latin America attendees



IEEE Rising Stars Debuts in Latin America

[IEEE Rising Stars](#) conferences in 2025 brought together top STEM students and young professionals to connect and be inspired. The flagship event was held in Las Vegas, Nevada, while the inaugural Latin America and Caribbean Conference was held in Panama City, Panama. Both events featured technical innovation talks, development sessions, workshops, competitions and networking opportunities with community leaders and peers, fostering professional growth and career advancement.



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Inaugural
Rising Stars
Latin America
and Caribbean
Conference:

More Than
250+
Participants
From
16
Countries

Historic Congress in Tunisia Represents Landmark Event

The [IEEE Middle East and North Africa Student and Young Professional Congress 2025](#) was held in August in Gammarth, Tunisia. This landmark event marked the first-ever merger of the Middle East Congress and North Africa Congress, uniting the two gatherings into one powerful platform. Participants engaged in keynotes, workshops, panel discussions and cultural events celebrating Tunisian heritage.

Representatives
From
17
Countries

TOP LEFT: Entertainment at IEEE Rising Stars Latin America

TOP RIGHT: IEEE Middle East and North Africa Student and Young Professional Congress 2025 attendees



Student Awarded IEEE Presidents' Scholarship for Saving Marine Life

As part of its mission to inspire young minds to pursue STEM careers, this year's [IEEE Presidents' Scholarship](#) of US\$10,000 was awarded to high school student Sydney West from Richland, Washington, who built a remotely operated vehicle designed to help preserve and sustain coral reefs. The award, established by the IEEE Foundation, is payable over four years of undergraduate university study and includes a complimentary IEEE student membership.

Students Race Against the Clock in Global Coding Challenge

[IEEEXtreme 19.0](#), a 24-hour global computer coding competition, reached new heights in 2025. The competition was preceded by PreXtreme 2.0, a mini version of the main event designed to drive early registration. This preparatory event attracted 330 teams, helping to build momentum for the main competition.



8,000+
Teams



18,000+
Students



73
Countries

TOP LEFT: IEEE Presidents' Scholarship recipient Sydney West with her remotely operated vehicle, *Cnidaria*, which is designed to help preserve and sustain coral reefs.

TOP RIGHT: IEEEXtreme 19.0 participants



IEEE Day Celebrates Global Engineering Community

Being an IEEE member means joining a global community united by a shared passion for technology and innovation. [IEEE Day](#) 2025 exemplified this spirit by honoring the first gathering of IEEE members in 1884. IEEE members and volunteers celebrated around the world, from Portugal to India to the United States, engaging in photo and video contests that encouraged members worldwide to capture their IEEE Day experiences.

1,000+

Events Were Held Worldwide
Over a Two Week Period

276

Entries Showcased in the
IEEE Photo Contest

554

Individuals Joined IEEE for
the First Time or Reinstated
Their Membership

120

Entries Showcased in the
IEEE Video Contest

1,079

IEEE Day Ambassadors Helped Local
Volunteers Organize and Run Events
Around the World



IEEE TryEngineering® Sparks Passion for Tech Careers With On-Campus Experiences

[IEEE TryEngineering® Summer Institute](#) is a hands-on engineering summer camp for high school students. The goal is to spark enthusiasm in engineering and technology among the next generation of problem-solvers and difference-makers, and position these innovators for long-term success in academics and in life. In 2025, the immersive program was held at:

- Columbia University
- Georgia Tech
- Rice University
- University of Pennsylvania
- University of San Diego

310+
Students
Participated



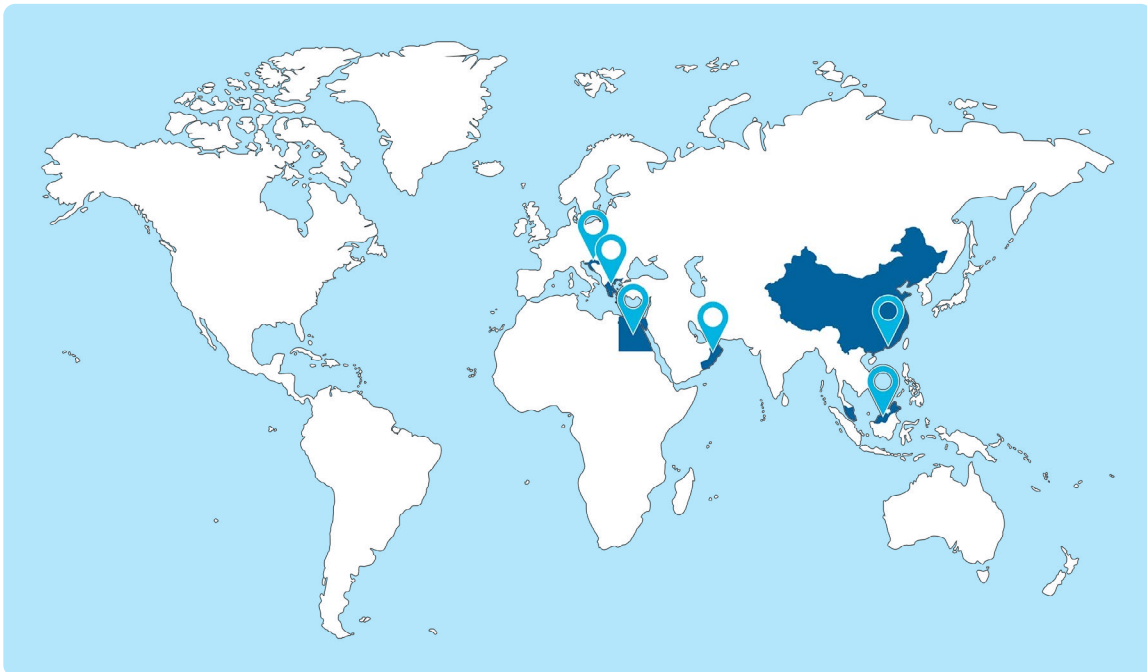
[▶ CLICK TO WATCH VIDEO](#)



Building upon the work done in 2024 to implement two successful pilot locations for [IEEE TryEngineering® OnCampus](#), IEEE expanded the project to include additional locations across the globe. The full roster included:

- Croatia
- Egypt
- Greece
- Hong Kong
- Malaysia
- Oman

250+
Students
Participated



These 2025 highlights showcase only a few of the [many resources](#) that IEEE provides for students and professionals throughout the various stages of their career progression.



Meaningful Collaboration for the Public Good

In 2025, IEEE strengthened its role as a trusted, neutral voice in global technology policy, advancing critical standards and engaging with policymakers on issues ranging from AI governance to child protection. Through strategic advocacy, international collaboration and technical expertise, IEEE helped shape regulatory frameworks and informed policy decisions that will impact the future of technology and society worldwide.

TOP: During IEEE-USA's Congressional Visits Day, attendees take time to pose on the steps of the U.S. Capitol.



IEEE-USA Advances Technology Policy Priorities

In 2025, [IEEE-USA](#) focused on key policy priorities to improve the innovation climate in the United States with input from America’s engineers and technology professionals. With the support of more than 150,000 individual professionals, IEEE-USA advocated for robust federal support for science and technology, including full funding for CHIPS (Creating Helpful Incentives to Produce Semiconductors) and Science Act programs and increased support for national science and technology initiatives. Additional priorities included providing an effective legal and regulatory framework for AI development.

AI Standards Added to Global Platform

IEEE’s portfolio of global AI-related standards was included in the new International AI Standards Exchange, a centralized repository designed to foster collaboration and responsible AI development worldwide. This inclusion reinforces IEEE’s efforts to make AI standards and guidance easily discoverable and accessible to policymakers, developers, regulators and other stakeholders seeking trusted, open and collaborative processes.

Indonesia Draws on IEEE 2089 Age-Appropriate Design Framework in New Online Child Protection Regulation

IEEE collaborated with Indonesian policymakers on the recently passed regulation on the Governance of Electronic Systems in Child Protection, the first of its kind regulation in Asia and the Global South. Drawing on IEEE standards on children’s data governance and age-appropriate design, including IEEE 2089™ and IEEE 2089.1™, the new law establishes enforceable requirements for digital platforms to protect children’s privacy, safety and wellbeing.

TOP LEFT: IEEE President Kathleen Kramer with attendees during one of the IEEE-USA Congressional Visits Training events.
TOP RIGHT: IEEE President Kathleen Kramer with attendees at the AI for Good Global Summit in Geneva, Switzerland



IEEE Leads Global Technology Policy Dialogues

IEEE is having an impact on the world stage as a thought leader in many critical areas facing the future of technology, the impact of AI and the importance of digital governance. The IEEE Standards Association led global dialogues on critical technology and policy issues, fostering collaboration and influencing the direction of technological advancements and their societal impact. Activities included:

- International AI Standards Exchange dialogues at the ITU AI for Good Summit
- Led six sessions at the European Dialogue on Internet Governance on topics including quantum technology, digital sovereignty and age verification
- Hosted sessions at the UN Science Summit and UN High-Level Political Forum on clean water and sustainable oceans
- The UN World Summit on Information Society (WSIS)+20 High-Level Forum



[▶ CLICK TO WATCH VIDEO](#)

IEEE Global Video Campaign Showcasing Member Impact Expands to New Regions

IEEE expanded its [global video campaign](#) featuring members from around the world describing in their own words how joining IEEE helped shape their careers and support their professional journeys. Commercials aired in Japan, the United Kingdom and the United States, reaching diverse audiences with powerful testimonials that underscored IEEE's role as a mission-driven community of passionate individuals committed to advancing technology and creating global impact.



[CLICK TO WATCH VIDEO](#)



[CLICK TO WATCH VIDEO](#)



[CLICK TO WATCH VIDEO](#)



[CLICK TO WATCH VIDEO](#)



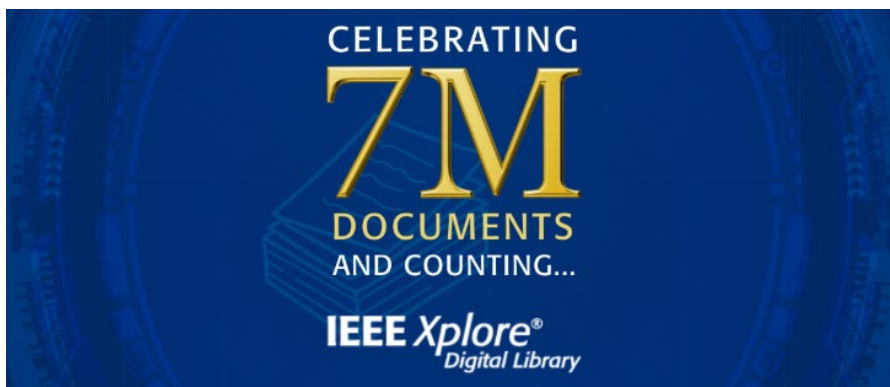
Powering the Technologies of the Future

For over a century, IEEE, through its prestigious publications, has helped to shape and power the technologies of the future. IEEE's extensive collection of peer-reviewed journals, magazines and conference proceedings serves as a vital platform where engineers and researchers share breakthrough discoveries that become the foundation for transformative technologies shaping our world.

IEEE *Xplore* Reaches 7 Million Documents

In 2025, IEEE celebrated a new milestone, eclipsing seven million total documents hosted in the [IEEE *Xplore* Digital Library](#). IEEE is continually publishing new research and developing new publications and conferences to help users keep up to date with the latest technical developments in topics such as AI, blockchain, EVs and renewable energy.

IEEE now offers 37 fully gold open access journals and 185 hybrid options (journals and magazines), spanning a wide range of technologies, offering more options than ever for authors.



IEEE Journals Lead the Field in Latest Citation Rankings

In 2025, IEEE journals once again excelled in the journal citation rankings according to the latest Journal Citation Reports™ from Clarivate Analytics and CiteScore™ metrics by Scopus. The [rankings](#) highlight IEEE's continued excellence in publishing influential research across diverse fields including artificial intelligence, imaging sciences, automation, cybernetics and computer science. A wide range of IEEE publications were among the most-cited journals in multiple categories:

- **24** of the top 30 journals in Electrical & Electronic Engineering
- **23** of the top 30 journals in Telecommunications
- **9** of the top 20 journals in Computer Science, Artificial Intelligence
- **5** of the top 10 journals in Computer Science, Information Systems
- **3** of the top 5 journals in Imaging Science
- **3** of the top 5 journals in Automation and Control Systems
- **3** of the top 5 journals in Computer Science, Cybernetics
- **3** of the top 5 journals in Computer Science, Hardware & Architecture



IEEE Strengthens Research Integrity Efforts

IEEE established a cross-organizational Research Integrity team in 2025 to share best practices, coordinate evaluation of capabilities and accelerate adoption of research integrity measures across the organization. The [STM Integrity Hub](#), a collaborative platform providing shared tools and community intelligence to detect and combat research integrity threats such as paper mills and duplicate submissions, was rolled out to all IEEE journals as a resource for editors and authors.

ABOVE: Sample of IEEE publications that were among the most-cited journals in multiple categories



Recognizing Groundbreaking Achievements That Changed the World

Since 1884, IEEE has actively shaped the future of technology – and the world – by continuously advancing innovation and technological excellence. In 2025, IEEE celebrated the exceptional accomplishments of its leaders and members who drove transformative change and made our world a better place for everyone.

TOP: From left: IEEE Executive Director and Chief Operating Officer Sophia Muirhead, IEEE President Kathleen Kramer, IEEE Medal of Honor recipient Henry Samueli, IEEE President-Elect Mary Ellen Randall and IEEE Past President Tom Coughlin



IEEE Medal ^{OF} Honor

IEEE Awards Inaugural US\$2 Million Medal of Honor Prize to Broadcom Founder Henry Samueli

The IEEE Medal of Honor is IEEE's pinnacle of recognition. IEEE Life Fellow and Broadcom founder Henry Samueli was the first recipient of the newly elevated US\$2 million prize for his pioneering work that led to the explosive growth of broadband technologies. His contributions made everyday items like mobile phones, laptops, tablets and IoT devices possible. Samueli's pioneering research in developing and commercializing analog and mixed signal communications systems circuits transformed wired and wireless networking technologies. The award was presented at the IEEE Honors Ceremony in Tokyo.



 [CLICK TO WATCH VIDEO](#)

TOP LEFT: IEEE Medal of Honor recipient Henry Samueli

TOP RIGHT: IEEE Medal of Honor recipient Henry Samueli with 2025 IEEE Mildred Dresselhaus Medal Recipient Andrea Goldsmith and Honors Ceremony attendees.



Tokyo Hosts IEEE Honors Ceremony

IEEE held its 2025 Honors Ceremony event in Tokyo, celebrating excellence and innovation within the global technology community. The successful pre-event brought together established IEEE medal recipients, tech innovators, awards sponsors and IEEE leadership with emerging young professionals, creating meaningful connections across generations of technology leaders.



TOP: IEEE President Kathleen Kramer with Her Imperial Highness Princess Takamado and President-Elect Mary Ellen Randall with the 2025 IEEE Honors Ceremony award recipients.

ABOVE: IEEE Region 10 Director, Takako Hashimoto, IEEE President Kathleen Kramer, IEEE Executive Director Sophia Muirhead and IEEE Past President Toshio Fukuda perform the Sake Toast at the VIP Reception.



Highlighting the Evolution of Technological Progress

For more than 140 years, IEEE has been a leader in preserving the history of the electrical, electronic and computing fields and related areas of science and technology that underpin modern society. This history showcases a continuous and dynamic cycle where scientific understanding fuels innovation, and technological advancements enable new avenues for exploration with vast implications for our future.

TOP: IEEE President Kathleen Kramer (center) with representatives during a ceremony in Poland commemorating the Long Distance Electric Power Transmission Using Three-Phase Alternating Current Milestone, which influenced electric power transmission.



Nokia Bell Labs Celebrates Seven IEEE Milestones

In October, IEEE representatives, Nokia Bell Labs executives and alumni of the storied institution gathered to celebrate seven technological achievements by Bell Labs recognized as IEEE Milestones. Read the full story in [The Institute](#).



[▶ CLICK TO WATCH VIDEO](#)

Recognizing Historic Technology Milestones

Each year, the IEEE Milestones program honors exceptional technical achievements that occurred at least 25 years ago. In 2025, 28 Milestones were dedicated, including:

1951

Cobalt-60 Radiation Cancer Treatment Machines

London, Ontario, Canada and Saskatoon, Saskatchewan, Canada

Two Canadian teams of medical physicists, engineers and radiation oncologists independently, yet cooperatively, designed and assembled the first treatment machines that directed gamma radiation produced by radioactive cobalt-60 onto cancerous tumors in patients. First applied at Victoria Hospital in 1951, this revolutionary treatment has since been used to extend the lives of millions of patients around the world.

TOP: IEEE President Kathleen Kramer (center) and Past President Tom Coughlin (fourth from left) with dignitaries at the Nokia Bell Labs milestones dedication.



1980

Intel 8087 Math Coprocessor

Haifa, Israel

Intel's release of its 8087 math coprocessor vastly expanded the capabilities of its 8086 and 8088 microprocessors by enabling floating-point arithmetic, binary-decimal conversion and transcendental functions, using special CPU instructions designed to invoke a coprocessor.

1993

Color Plasma Television

Hyogo, Japan

In 1993, Fujitsu commercialized the first practical color plasma television, featuring a 21-inch display. The success of this product stimulated further advances in large-screen flat panel displays, opening worldwide markets for large wall-mounted televisions.

1996

Universal Serial Bus (USB)

Hillsboro, Oregon, USA

Initially intended to simplify attaching electronic devices to a PC, USB became a very successful low-cost, high-speed interface for home and business use. Its ability to support new device classes and functionalities, including data storage, power delivery and battery charging, has made USB's cabling, connectors and logo recognizable worldwide.

TOP LEFT: Representatives during the Intel 8087 Math Coprocessor milestone dedication ceremony.

TOP RIGHT: Representatives at the Universal Serial Bus milestone dedication ceremony.

IEEE Board of Directors



1st Row from Left:

Gerardo Barbosa, Sophia A. Muirhead, Kathleen A. Kramer, Mary Ellen Randall,
Thomas M. Coughlin, Forrest D. Wright

2nd Row from Left:

Aylin Yener, Jenifer P. Castillo Rodriguez, Timothy T. Lee, Felicia Reinhart,
Ravinder S. Dahiya, Takako Hashimoto, Bala S. Prasanna

3rd Row from Left:

Homer Alan Mantooth, Constance A. Kelly, Dalma Novak, Russell D. Meier,
Christina M. Schober, Charles M. Jackson

4th Row from Left:

Stefano Bregni, Timothy P. Kurzweg, Cecilia Metra, Gary R. Hoffman, Christopher E. Root,
Michael G. Hinchey, Thamir (Tom) F. Murad, A. Matthew Francis, W. Clem Karl,
Antonio Luque, Yong Lian, Joseph C. Wei, Eric Grigorian

NOT PICTURED:

Dusanka Boskovic

*Michael G. Hinchey (through June 2025), Dusanka Boskovic (as of June 2025)

IEEE Management Council



From Left:

Steven Heffner, Ahsaki E. Benion, Mojdeh Bahar, Alpesh Shah, Marie Hunter, Thomas R. Siegert, Cheri N. Wideman, Sophia A. Muirhead, Jamie Moesch, Kelly Armstrong, Russell Harrison, Jeff Strohschein, Donna Hourican, Cecelia Jankowski and Karen L. Hawkins

Message From the Treasurer

I am pleased to present the audited financial statements of IEEE for the fiscal year ended 31 December 2025. These statements indicate that the organization's overall financial health remains strong. Total net assets increased by \$133.2 million, or 11.8%, reaching \$1,257.8 million.

The IEEE Statement of Activities reflects total operating revenue for 2025 of \$665.8 million, an increase of \$19.5 million, or 3.0%, from 2024. IEEE had total operating expenses for 2025 of \$683.3 million, an increase of \$82.6 million, or 13.8%, from 2024, with the principal changes summarized below:

- **Periodicals and Media:** Revenue increased by \$33.3 million, or 11.6%, while expenses increased by \$21.4 million, or 11.0%.
- **Conferences:** Revenue declined by \$13.9 million, or 5.7%, and expenses increased by \$30.0 million, or 15.0%.
- **Membership:** Revenue declined by \$1.5 million, or 2.3%, and expenses increased by \$17.9 million, or 15.4%.
- **Standards Association:** Revenue declined by \$2.7 million, or 5.7%, and expenses declined by \$0.3 million, or 0.6%.

Non-operating activities generated a net gain of \$150.6 million, primarily due to \$150.4 million in investment gains (including dividends and interest) and \$0.2 million in pension-related gains.

Crowe LLP, the independent auditor for IEEE, met with the IEEE Audit Committee to discuss the scope and results of the audit of the financial statements, to review the adequacy of IEEE's internal accounting controls and to assess the quality of IEEE's financial reporting before issuing its opinion on the financial statements. IEEE received an unmodified opinion from Crowe LLP in the Report of Independent Certified Public Accountants.

[Click here to see the Consolidated Financial Statements.](#)

IEEE is a tax-exempt public charity under Section 501(c)(3) of the United States Internal Revenue Code, with a global presence, and a mission to advance technology for the benefit of humanity.

I present these financial statements with confidence that IEEE remains a financially sound organization.



A stylized, handwritten signature in black ink, appearing to read 'GB'.

Gerardo Barbosa
2025 IEEE Treasurer

IEEE Office Locations

Corporate Headquarters

3 Park Avenue, 17th Floor
New York, NY 10016-5997 USA
Phone: +1 212 419 7900

Operations Center

445 and 501 Hoes Lane
Piscataway, NJ 08854-4141 USA
Phone: +1 732 981 0060

California Office

10662 Los Vaqueros Circle
P.O. Box 3014
Los Alamitos, CA 90720-1264 USA
Phone: +1 714 821 8380

Washington, D.C. Office

2001 L Street, N.W. Suite 700
Washington, DC 20036-4910 USA
Phone: +1 202 785 0017 (IEEE-USA)
+1 202 371 0101 (Computer Society)

Global IEEE Institute for Engineers, India

26/1, Fifth Floor
WTC-Brigade Gateway Campus
Dr. Rajkumar Road, Malleswaram West
Bangalore - 560 055, Karnataka, India
Phone: +91 80 4944 4333

IEEE Asia-Pacific Limited, Singapore

1 Fusionopolis Walk
#04-07, South Tower, Solaris
Singapore 138628
Phone: +65 6778 2873

IEEE, Inc. Representative Office, China

Room 1503, South Tower, Raycom
InfoTech Park C,
No. 2 Kexueyuan South Road
Haidian District, Beijing, China, 100190
Phone: +86 10 8286 2250

IEEE Beijing Office Extension, China

Chinese Overseas Scholars Venture Building
29 Nanhuan Road, Room 213
High-Tech Zone, Nanshan District
Shenzhen, China 518057
Phone: +86 755 26911659

IEEE Japan Office

E-1904 Aoyama-Twin Tower
1-1-1 Minami-aoyama
Minato-ku, Tokyo 107-0062, Japan
Phone: +81 3 3408 3118

IEEE Technology Center GmbH

Heinestraße 38
1020 Vienna, Austria
Phone: +43 1213 004334