

## IEEE 2025 Medal of Honor – FAQs

### 1. What is the IEEE Medal of Honor?

- *The IEEE Medal of Honor is the highest IEEE award, bestowed for remarkable, society-changing achievements in technology, engineering, and science. IEEE Medal of Honor recipients have advanced technology and changed our world in revolutionary ways.*
- *The IEEE Medal of Honor has been given for such extraordinary innovations as the creation of the Internet; development of life-saving medical device technologies including the CAT scan, MRI, Ultrasound and Pacemaker; as well as transistors and semiconductors – technologies at the heart of modern electronics and computing.*

### 2. Why did IEEE increase the Medal of Honor monetary prize to \$2 million? Why now?

- *The IEEE Medal of Honor was established in 1917 and in the subsequent 100-plus years, innovations and advancements in technology, engineering, and science have had an increasingly greater impact on our world.*
- *We are significantly increasing the IEEE Medal of Honor monetary prize to \$2 million because we are at an inflection point globally – where technology, engineering, and science have become integral to addressing challenges such as climate change and positively moving our world forward.*
- *In recognition of the extraordinary individuals and the work these recipients have done to benefit humanity, we are elevating the IEEE Medal of Honor to its rightful place as one of the world's most prestigious technology-focused prizes and awards.*
- *This move underscores IEEE's role as a public charity whose mission is to advance technology for the benefit of humanity.*

### 3. How much was the IEEE Medal of Honor prize until now?

*Starting in 2025, the Medal of Honor prize will be \$2 million. In previous years it was \$50,000.*

### 4. What distinguishes the IEEE Medal of Honor from other science, technology, and engineering awards?

- *The Medal of Honor is the IEEE's most prestigious award for meritorious accomplishments in the fields of electronics and electrical engineering. Since 1917, the most important contributors to these fields have received the Medal in recognition of their critical roles in laying the foundations of the modern electric world.*
- *The IEEE Medal of Honor is the only major award for achievement in the field of electronics that is not named for an inventor or scientist. Other awards such as the Edison Medal, Armstrong Medal, and Fritz Medal were intended to inspire and recognize achievement by noting the examples of their namesakes.*
- *The Nobel Prize, awarded in many fields, seeks to recognize an individual's contributions to humanity as an ideal but also commemorates its namesake, Alfred Nobel. Only the IEEE Medal of Honor celebrates outstanding accomplishments through a purely institutional recognition of excellence and personal contributions to science and technology.*

**5. Who is eligible for IEEE Medal of Honor consideration?**

*An individual or a team of up to three, either IEEE member or non-member is eligible for the award. To be considered, a person(s) needs to have had a career with extraordinary achievements that have significantly impacted society or the profession.*

**6. What is the criteria for the IEEE Medal of Honor?**

*The IEEE Medal of Honor may be given to an individual or team of up to three people who have made exceptional contributions or had extraordinary careers in technology, engineering, and science. Criteria for IEEE Medal of Honor consideration include the significance of the achievement, originality, impact on society, impact on the profession, publications, and patents relating to the achievement.*

**7. Who are the judges for the IEEE Medal of Honor?**

*The IEEE 2025 Medal of Honor selection committee is comprised of technical experts in a variety of disciplines. The Awards Board Past Chair serves as Committee Chair; the Awards Board current Chair; and seven members are appointed by the outgoing Medal of Honor Committee.*

**8. What is the application/nomination process for the IEEE Medal of Honor?**

- *The deadline for nominations for the IEEE Medal of Honor is June 15 annually.*
- *An electronic nomination form with 3-5 endorsement letters is required to be considered for the Medal of Honor.*
- *Self-nominations are not permitted.*
- *A selection committee reviews all the completed nominations and selects the candidate for the Medal of Honor.*
- *The candidate is then reviewed and endorsed by the Medals Council which gets referred to the Awards Board for review and final endorsement.*
- *The IEEE Board of Directors makes the final decision and approves the candidate to be the recipient.*

**12. What other top-level awards does IEEE give?**

*The IEEE Awards Program is the world's top peer recognition program, acknowledging preeminent leaders and visionaries in science, technology, and engineering advancement. The IEEE Awards Board administers the top-level Awards Program, including IEEE Medals, Technical Field Awards, and Recognitions. The other top-level IEEE Medals are:*

- *IEEE Frances E. Allen Medal*
- *IEEE Alexander Graham Bell Medal*
- *IEEE Jagadish Chandra Bose Medal in Wireless Communications*
- *IEEE Edison Medal*
- *IEEE Medal for Environmental and Safety Technologies*
- *IEEE Founders Medal*
- *IEEE Richard W. Hamming Medal*
- *IEEE Nick Holonyak, Jr. Medal for Semiconductor Optoelectronic Technologies*
- *IEEE Medal for Innovations in Healthcare Technology*

- *IEEE Jack S. Kilby Signal Processing Medal*
- *IEEE Mildred Dresselhaus Medal*
- *IEEE James H. Mulligan, Jr. Education Medal*
- *IEEE/RSE James Clerk Maxwell Medal*
- *IEEE Jun-ichi Nishizawa Medal*
- *IEEE Robert N. Noyce Medal*
- *IEEE Dennis J. Picard Medal for Radar Technologies and Applications*
- *IEEE Medal in Power Engineering*
- *IEEE Simon Ramo Medal*
- *IEEE John von Neumann Medal*

### **About IEEE**

- *IEEE is the world's largest technical professional organization. A public charity, IEEE's mission is dedicated to advancing technology for the benefit of humanity. IEEE has members who are engineers, scientists, and allied professionals whose technical interests are rooted in electrical and computer sciences, engineering, and related disciplines.*
- *Through its highly cited publications, conferences, technology standards, and professional and educational activities, IEEE is the trusted voice in a wide variety of areas ranging from aerospace systems, computers, and telecommunications to biomedical engineering, electric power, and consumer electronics.*
- *There are over 460,000 IEEE members in over 190 countries, more than 66 percent of whom are from outside the United States.*
- *IEEE has 39 technical Societies and eight Technical Councils representing a wide range of IEEE technical interests.*
- *IEEE has more than 6 million documents in the IEEE Xplore® Digital Library*
- *IEEE has an active portfolio of 1,144 standards and more than 1,018 projects under development.*
- *IEEE publishes more than 200 transactions, journals, and magazines.*
- *IEEE sponsors more than 2,000 conferences and events in 190 countries while contributing over 4 million total conference papers to IEEE Xplore since 1936, with more than 200,000 new papers added annually.*