

IEEE TECHNICAL FIELD AWARDS

COMMUNICATIONS RELATED

Nomination Deadlines – January 31st

IEEE Leon K. Kirchmayer Graduate Teaching Award

Nomination Deadline - 31 January

The IEEE Graduate Teaching Award is a Technical Field Award established by the Board of Directors in 1990 and renamed in honor of Leon K. Kirchmayer in 2002. Dr. Kirchmayer was well known and revered throughout the world for his commitment to students and education.

This award honors teachers of electrical and electronics engineering and the related disciplines, 'for inspirational teaching of graduate students in the IEEE fields of interest.'

A primary goal of the IEEE is to ensure that the Institute Awards Program provides due recognition for superior achievement in the engineering profession. To that end, and in response to the desire of the membership, the Awards Board, and Board of Directors that the field of education be more broadly recognized, this award for graduate teaching was added to the Awards Program. Selection criteria include such contributions as curriculum development, authorship of course materials, involvement with students and faculty in advisory capacities, as well as 'attracting students to engineering and scientific professions, and preparing them for effective careers in engineering and the sciences.'

Recipient selection is administered by the IEEE Awards Board through the Technical Field Awards Council. It is awarded to an individual only.

In the evaluation process, the following criteria are considered: excellence in teaching graduate students, curriculum development with the inclusion of current research and development knowledge that reflects the state of the art in courses, authorship of course material for graduate students; and involvement with and direction of students to prepare them for effective careers in engineering and the sciences, and the quality of the nomination.

The award consists of a bronze medal, certificate and honorarium.

IEEE Masaru Ibuka Consumer Electronics Award

Nomination Deadline – January 31st

The IEEE Masaru Ibuka Consumer Electronics Award was established by the IEEE Board of Directors in 1987 to recognize outstanding contributions in the field of consumer electronics technology. It may be presented annually to an individual or team of up to three.

Recipient selection is administered through the Technical Field Awards Council of the Awards Board.

The Award is named in honor of Dr. Masaru Ibuka, Honorary Chairman and Co-Founder of Sony Corporation, whose innovative achievements and leadership in state of the art and have been an inspiration to several generations of electrical, electronics, and computer engineers.

In the evaluation process, the following criteria are considered: technical innovation, creativity, quality, timeliness, societal benefit, technology enhancement associated with achievement(s), leadership and professional contributions of the individual(s) identifiable with the achievements, and the quality of the nomination.

The award consists of a bronze medal, certificate, and honorarium.

IEEE Internet Award

Nomination Deadline - January 31st

The IEEE Internet Award was established by the IEEE Board of Directors in June of 1999. It may be presented annually for exceptional contributions to the advancement of Internet technology for network architecture, mobility and/or end-use applications.

This award can be given to an individual or team of up to three.

In the evaluation process, the following criteria are considered: Innovation, leadership in the field, contributions to open system, specification, honors or other achievements and the quality of the nomination.

Recipient selection is administered through the Technical Field Awards Council of the IEEE Awards Board.

The award consists of a bronze medal, certificate and honorarium.

IEEE Koji Kobayashi Computers and Communications Award

Nomination Deadline - January 31st

The IEEE Koji Kobayashi Computers and Communications Award was established by the IEEE Board of Directors in 1986 for outstanding contributions to the integration of computers and communications.

This award can be given to an individual, multiple recipients, or a team.

The Award is named in honor of Dr. Koji Kobayashi, who has been a leading force in advancing the integrated use of computers and communications.

Recipient selection is administered through the Technical Field Awards Council of the IEEE Awards Board.

In the evaluation process, the following criteria are considered: developments, inventions, systems or methods of significance in the field of computer and communications for which nominee deserves principal credit, together with the approximate year in which these were accomplished, and the quality of the nomination.

The award consists of a bronze medal, certificate and honorarium.

IEEE Daniel E. Noble Award

Nomination Deadline - January 31st

The IEEE Daniel E. Noble Award was established by the IEEE Board of Directors in 2000 for outstanding contributions to emerging technologies recognized within recent years. It may be presented annually on the recommendation of the IEEE Technical Field Awards Council and the IEEE Awards Board. It can be presented to an individual or team.

The award is named in honor of Dr. Daniel E. Noble, Executive Vice Chairman of the Board emeritus of Motorola. Dr. Noble is significantly known for the design and installation of the nation's first statewide two-way radio communications system. The system was the first in the world to use FM technology.

Dr. Daniel E. Noble was an IEEE Life Fellow. He was awarded the IEEE Edison Medal in 1978; For leadership and innovation in meeting important public needs, especially in developing mobile communications and solid state electronics.

The IEEE Daniel E. Noble Award was previously named the Morris N. Liebmann Award, which was originally established by the Institute of Radio

IEEE Frederik Philips Award

The IEEE Frederik Philips Award was established in 1971 through an agreement between N.V. Philips' Gloeilampenfabrieken and the Institute of Electrical and Electronics Engineers, Inc. It may be presented each year to an individual or team up to three.

It is presented for outstanding accomplishments in the management of research and development resulting in effective innovation in the electrical and electronics industry.

Recipient selection is administered through the Technical Field Awards Council of the IEEE Awards Board.

In the evaluation process, the following criteria are considered: leadership in management impact on innovation, personal contributions, technological impact, and the quality of the nomination.

The award consists of a bronze medal, certificate and honorarium.

IEEE Eric E. Sumner Award

Nomination Deadline - January 31st

The IEEE Eric E. Sumner Award was established by the IEEE Board of Directors in 1995. It may be presented annually, to an individual or a team of not more than three, for outstanding contributions to communications technology. Recipient selection is administered by the Awards Board through its Technical Field Awards Council.

It is named in honor of Eric E. Sumner, 1991 IEEE President, who retired as Vice President, Operations Planning, AT&T Bell Laboratories after a long and distinguished career.

In the evaluation process, the following criteria are considered: research, development and application contributions to all aspects of leading-edge communication technology, and the quality of the nomination.

The award consists of a bronze medal, certificate and honorarium.

IEEE Charles Proteus Steinmetz Award

Nomination Deadline - January 31st

The IEEE Charles Proteus Steinmetz Award was established by the Board of Directors in 1979.

It may be presented each year to an individual for exceptional contributions to the development and/or advancement of standards in electrical and electronics engineering.

Recipient selection is administered through the Technical Field Awards Council of the IEEE Awards Board. It is presented to an individual only.

In the evaluation process, the following criteria are considered: engineering and administrative accomplishment and responsibilities, publications, books, standards, papers, conferences; honors; supporting letters; IEEE Activities, other organizations, and the quality of the nomination.

The award consists of a bronze medal, certificate and honorarium.

IEEE Kiyo Tomiyasu Award

Nomination Deadline - January 31st

The IEEE Kiyo Tomiyasu Award was established in 2001 to recognize outstanding early to mid-career contributions to technologies holding the promise of innovative applications.

This award may be given to an individual, multiple recipients or a team up to three in number; within fifteen years of their highest academic degree and not more than age forty-five at the time of the nomination, to any areas of IEEE interest that promise innovative applications. If this award is to be presented to a team, this restriction will apply to all.

This award will be administered through the Technical Field Award Council through the IEEE Awards Board.

In the evaluation process, the following criteria are considered: innovation or development, social value, uniqueness of concept, other technical accomplishments, and the quality of the nomination.

IEEE Undergraduate Teaching Award

Nomination Deadline - January 31st

The IEEE Undergraduate Teaching Award is a Technical Field Award of the Institute established by the Board of Directors in 1990 to honor teachers of electrical and electronics engineering and the related disciplines, 'for inspirational teaching of undergraduate students in the fields of interest of the IEEE.'

A primary goal of the IEEE is to ensure that the Institute Awards Program provides due recognition for superior achievement in the engineering profession. To that end, and in response to the desire of the membership, the Awards Board, and Board of Directors that the field of education be more broadly recognized, this award for undergraduate teaching was added to the Awards Program.

Selection criteria include such contributions as curriculum development, authorship of course materials, involvement with students and faculty in advisory capacities, as well as 'attracting students to engineering and scientific professions, and preparing them for effective careers in engineering and the sciences.'

Recipient selection is administered by the IEEE Awards Board through the Technical Field Awards Council. It is presented to an individual only.

The award consists of a bronze medal, certificate and honorarium.