Awards and Recognitions

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Contents

1. Why awards?
2. IEEE and MGA Awards
3. R8 Awards
4. Establishing new awards
5. Appendixes

IEEE Proprietary

Why awards?

▸ It's important to recognize the contributions of individuals or institution in advancing the fields of interest of IEEE for the benefit of society.

▸ To celebrate technological achievements and the people who made them and to inspire future generations.

▸ To recognize and thank the IEEE volunteers who give their personal time and effort to lead and contribute.

IEEE Awards

IEEE-level Medals and Awards

Society, Technical Council, Major Board (MGA), Region, Division Awards

Technical Field Awards

Area, Geographical Council, Conference, Section, Chapter Awards

Student Branch, Student Branch Chapter Awards

IEEE Awards Program

IEEE Board-level Award Categories

Medals (19)
- IEEE's highest awards
- https://www.ieee.org/about/awards/medals/index.html
- Recognize achievements and leadership in significant and broad IEEE areas

Recognitions (6)
- Awarded for corporate innovation, service to IEEE, professional leadership
- https://www.ieee.org/about/awards/recognitions/index.html

Technical Field Awards (TFAs) (31)
- Recognize technical contributions or leadership in specific IEEE fields of interest
- https://www.ieee.org/about/awards/technical-field-awards/index.html

IEEE Joint Awards with National Societies

The purpose of National Society Agreements is to encourage cooperation and coordinated joint activities between the country's National Society, and the local countries' IEEE section. **One of the cooperative activities has been the establishment of joint awards between the National Society and IEEE.**

▸ Chile, **France, Iceland**, India, Korea, Peru, Singapore, **South Africa**, Uruguay

Get involved with the Awards Program

- Serve on a Selection Committee
  - To become a volunteer, visit https://www.ieee.org/about/awards/boards_committees/49249_abna.html
  - Email awards@ieee.org with your CV and the name of the award committee on which you are interested in serving
  - Selection committees work via email and hold 3 teleconferen per year

- Nominate a colleague or a company

- Contact IEEE Awards Staff: +1 732 562 3844

  awards@ieee.org

https://corporate-awards.ieee.org/corporate-awards/

IEEE VISION INNOVATION CHALLENGES SUMMIT
An IEEE Summit & Honors Ceremony

Friday, 5 May 2023
Hilton, Atlanta

2023-vic-summit-honors-ceremony-gala/

MGA Awards and Recognitions

Award	Annual	Number of awards	Selection Committee
MGA Larry K. Wilson Transnational Award	Yes	One	MGA ARC
MGA Diversity & Inclusion Award	Yes	Up to three (3)	MGA ARC
MGA Innovation Award	Yes	One	MGA ARC
MGA Leadership Award	Yes	Up to three (3)	MGA ARC
MGA Achievement Award	Yes	Up to six (6)	MGA ARC
MGA Young Professionals Achievement Award	Yes	Up to six (6)	MGA ARC
MGA William W. Middleton Distinguished Service Award	Every 3 years	One	MGA ARC
IEEE VP Member and Geographic Activities Discretionary Award	Discretionary	Discretion	VP MGA & ARC Chair
Friend of IEEE Member and Geographic Activities Award	Yes	Comm discretion	MGA ARC
MGA Outstanding Large Section Award	Yes	One	MGA ARC
MGA Outstanding Medium Section Award	Yes	One	MGA ARC
MGA Outstanding Small Section Award	Yes	One	MGA ARC

MGA Call for Nominations – 2023 Awards

Nominations needed from R8!

➢ **Outstanding Section Awards (Large, Medium, and Small Section Award)**

➢ **William W. Middleton Distinguished Service Award**
  - **Deadline: 15 May 2023**
  - Call for nominations released mid February 2023

➢ **Individual Awards – Deadline: 25 Sept 2023 - Call for nominations planned for June 2023**
  - Larry K. Wilson Transnational Award
  - IEEE MGA Diversity & Inclusion Award
  - Innovation Award
  - Leadership Award
  - Achievement Award
  - Young Professionals Achievement Award

➢ **Friend of IEEE MGA Award (Individual & Organizational)**
  - **Nominations accepted all year long**
  - ARC reviews at each selection meeting
  - Currently open for submissions – see promo-banner in mga.ieee.org homepage

2022 MGA Award Nomination Totals

2022 - MGA Outstanding Section Award

Section	Region 1	2	3	4	5	6	7	8	9	10	Grand Total
Large	1	1	2	1	1			2	1	6	15
Medium		1			1	1		3		5	11
Small			1		1	2	1	1			6
Grand Total	1	2	3	1	3	3	1	6	1	11	32

2022 - MGA Individual Award Nominations

Award Name	Region 1	2	3	4	5	6	7	8	9	10	Grand Total
Larry K. Wilson Transnational										2	2
Diversity & Inclusion								2	2	5	9
Innovation									1	7	8
Leadership	1	1			2		2	4	4	21	35
Achievement					2		1	3	2	8	16
Young Professionals Achievement						1	3	2	2	12	20
Totals	1	1	0	0	4	1	6	11	11	55	90

Friend of MGA Award	2022
Individual Supporting	3
Individual Sustaining	0
Organization Supporting	3
Organization Sustaining	0
Total	6

We should have at least one nomination in each category

Region 8 Awards and Recognitions Program

- **Mission**

To promote, recognize and reward excellence in the operations of Region 8 and its organizational units: Sections, Subsections, Chapters, Affinity Groups, Student Branches and Student Branch Chapters.

- **A&R Committee members**
  - Antonio Luque, Chair
  - Ali Alfaily
  - Hzar Al Mhaseess
  - Ana Madureira
  - Vera Markovic
  - Peter Nagy
  - George Papadimitriou
  - Filippo Sanfilippo

Awards in Region 8

· **R8 Volunteer Award** · **R8 Outstanding Section Award (L/M/S)**	· **Clementina Saduwa Award** · **R8 Outstanding WIE Section volunteer Award** · **R8 Outstanding WIE student volunteer Award** · **R8 WIE AG of the Year Award** · **R8 WIE Student AG of the Year Award**	· **R8 Chapter of the Year Award (L/M/S)** · **R8 SBC of the Year Award (L/M/S)**	· **R8 Student Branch of the Year Award** · **R8 SB Website Contest** · **R8 Student Paper Contest (*)** *(*) Handled separately*
· **R8 Outstanding YP Affinity Group Award** · **R8 YP Exceptional volunteer Award**		· **R8 Outstanding SIGHT of the Year Award** · **R8 SIGHT SB of the Year Award**	

See complete list of eligibility requirements and criteria at
https://ieeer8.org/category/awards/

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Timeline

- First call to be distributed to members: 1 April
- **Deadline: 1 June 2023 <u>for all R8 Awards</u>**
  - Note: R8 SB of the Year awards follows MGA Exemplary Student Branch Awards
- Winners to be announced before the Fall meeting in Ottawa

Nominate yourself, your unit or a colleague!

Preparing a successful nomination

▸ Carefully read the rules and guidelines

▸ Deadlines: do not leave to the last minute

▸ Submission system accessible from
https://ieeer8.org/category/awards/

Establishing new awards

Approved motions at the MGA Board meeting Nov 2022

‣ **Motion 1:**
Resolved that the MGA Board approves the changes to Section 4.3.C, Sections 8.1.A, 8.1.B, 8.2, 8.3.A, 8.3.B, and 8.4 of the MGA Operations Manual, which include the migration of the MGA Awards and Recognition Program Manual relevant content to the MGA Operations Manual as presented and that the manual be updated accordingly.

‣ **Motion 2:**
Resolved that the MGA Board approves the MGA Geographic Unit awards approval process as outlined below and that the MGA Operations Manual be updated accordingly.

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Establishing new awards

8.4 MGA Award Approval Process

‣ All proposals for the establishment of new awards or revision of existing awards by MGA Committees, Regions, Councils, Areas, Sections, Chapters, Affinity Groups, Student Branches or Student Branch Chapters within the organization of the MGA Board shall follow the process as described below and be submitted as outlined in Section 8.3.

Establishing new awards

8.3 General specification for the establishment of new awards

A. PREPARATION OF AWARD SPECIFICATIONS GUIDANCE FOR THE DEVELOPMENT OF AWARD PROPOSALS

All proposals must be submitted using the MGA Awards Template found at: https://mga.ieee.org/awards   Completed proposals which have been approved by the appropriate responsible body of the Committee or geographic organizational unit involved should be submitted to the MGA ARC Chair at mga-awards@ieee.org.

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Questions?

Appendix. IEEE Awards and Recognitions

IEEE

IEEE Medals

The highest-level IEEE Awards embracing significant and broad achievements

▸ **IEEE Medal of Honor**, for an exceptional contribution or an extraordinary career in the IEEE fields of interest.

▸ **IEEE Frances E. Allen Medal**, for innovative work in computing leading to lasting impact on other fields of engineering, technology, or science.

▸ **IEEE Alexander Graham Bell Medal**, for exceptional contributions to communications and networking sciences and engineering.

▸ **IEEE Mildred Dresselhaus Medal**, for outstanding technical contributions in science and engineering of great impact to IEEE fields of interest.

▸ **IEEE Edison Medal**, for a career of meritorious achievement in electrical science, electrical engineering, or the electrical arts.

▸ **IEEE Medal for Environmental and Safety Technologies**, for outstanding accomplishments in the application of technology in the fields of interest of IEEE that improve the environment and/or public safety.

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IEEE Medals

The highest-level IEEE Awards embracing significant and broad achievements

▸ **IEEE Founders Medal**, for outstanding contributions in the leadership, planning, and administration of affairs of great value to the electrical and electronics engineering profession.

▸ **IEEE Richard W. Hamming Medal**, for exceptional contributions to information sciences, systems, and technology.

▸ **IEEE Medal for Innovations in Healthcare Technology**, for exceptional contributions to technologies and applications benefitting healthcare, medicine, and the health sciences.

▸ **IEEE Nick Holonyak, Jr. Medal for Semiconductor and Optoelectronics Technologies,** for outstanding contributions to semiconductor optoelectronic devices and systems including high-energy-efficiency semiconductor devices and electronics.

▸ **IEEE Jack S. Kilby Signal Processing Medal**, for outstanding achievements in signal processing.

▸ **IEEE/RSE (Royal Society of Edinburgh) James Clerk Maxwell Medal**, for groundbreaking contributions that have had an exceptional impact on the development of electronics and electrical engineering or related fields.

IEEE Medals

The highest-level IEEE Awards embracing significant and broad achievements

▸ **IEEE James H. Mulligan, Jr. Education Medal**, for a career of outstanding contributions to education in the fields of interest of IEEE.

▸ **IEEE Jun-ichi Nishizawa Medal**, for outstanding contributions to material and device science and technology, including practical application.

▸ **IEEE Robert N. Noyce Medal**, for exceptional contributions to the microelectronics industry.

▸ **IEEE Dennis J. Picard Medal for Radar Technologies and Applications**, for outstanding accomplishments in advancing the fields of radar technologies and their application.

▸ **IEEE Medal in Power Engineering**, for outstanding contributions to the technology associated with the generation, transmission, distribution, application, and utilization of electric power for the betterment of society.

▸ **IEEE Simon Ramo Medal**, for exceptional achievement in systems engineering and systems science.

▸ **IEEE John von Neumann Medal**, for outstanding achievements in computer-related science and technology.

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IEEE Technical Field Awards

For contributions or leadership in specific fields of interest of the IEEE

▸ **IEEE Biomedical Engineering Award**, for outstanding contributions to the field of biomedical engineering.

▸ **IEEE Cledo Brunetti Award**, for outstanding contributions to nanotechnology and technologies for microsystem miniaturization.

▸ **IEEE Control Systems Award**, for outstanding contributions to control systems engineering, science, or technology.

▸ **IEEE Electromagnetics Award**, for outstanding contributions to the theory and/or application of electromagnetics.

▸ **IEEE Rao R. Tummala Electronics Packaging Award**, for outstanding contributions to advancing components, electronic packaging, or manufacturing technologies.

▸ **IEEE James L. Flanagan Speech and Audio Processing Award**, for an outstanding contribution to the advancement of speech and/or audio signal processing.

▸ **IEEE Fourier Award for Signal Processing**, for an outstanding contribution to the advancement of signal processing, other than in the areas of speech and audio processing.

IEEE Technical Field Awards

For contributions or leadership in specific fields of interest of the IEEE

▸ **IEEE Andrew S. Grove Award**, for outstanding contributions to solid-state devices and technology.

▸ **IEEE Herman Halperin Electric Transmission and Distribution Award**, for outstanding contributions to electric transmission and distribution.

▸ **IEEE Masaru Ibuka Consumer Electronics Award**, for outstanding contributions in the field of consumer electronics technology.

▸ **IEEE Internet Award**, for exceptional contributions to the advancement of Internet technology for network architecture, mobility, and/or end-use applications.

▸ **IEEE Richard Harold Kaufmann Award**, for outstanding contributions in industrial systems engineering.

▸ **IEEE Joseph F. Keithley Award in Instrumentation and Measurement**, for outstanding contributions in electrical measurements.

▸ **IEEE Gustav Robert Kirchhoff Award**, for an outstanding contribution to the fundamentals of any aspect of electronic circuits and systems that has a long-term significance or impact.

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IEEE Technical Field Awards

For contributions or leadership in specific fields of interest of the IEEE

▸ **IEEE Leon K. Kirchmayer Graduate Teaching Award**, for inspirational teaching of graduate students in the IEEE fields of interest.

▸ **IEEE Koji Kobayashi Computers and Communications Award**, for outstanding contributions to the integration of computers and communications.

▸ **IEEE William E. Newell Power Electronics Award**, for outstanding contributions to power electronics.

▸ **IEEE Daniel E. Noble Award for Emerging Technologies**, for outstanding contributions to emerging technologies recognized within recent years.

▸ **IEEE Donald O. Pederson Award in Solid-State Circuits**, for outstanding contributions to solid- state circuits.

▸ **IEEE Frederik Philips Award**, for outstanding accomplishments in the management of research and development resulting in effective innovation in the electrical and electronics industry.

▸ **IEEE Photonics Award**, for outstanding achievement(s) in photonics.

▸ **IEEE Robotics and Automation Award**, for contributions in the field of robotics and automation.

IEEE Technical Field Awards

For contributions or leadership in specific fields of interest of the IEEE

▸ **IEEE Frank Rosenblatt Award**, for outstanding contributions to biologically and linguistically motivated computational paradigms and systems.

▸ **IEEE Marie Sklodowska-Curie Award**, for outstanding contributions to the field of nuclear and plasma sciences and engineering.

▸ **IEEE Innovation in Societal Infrastructure Award**, for significant technological achievements and contributions to the establishment, development, and proliferation of innovative societal infrastructure systems through the application of information technology with an emphasis on distributed computing systems.

▸ **IEEE Charles Proteus Steinmetz Award**, for exceptional contributions to the development and/or advancement of standards in electrical and electronics engineering.

▸ **IEEE Eric E. Sumner Award**, for outstanding contributions to communications technology.

▸ **IEEE Nikola Tesla Award**, for outstanding contributions to the generation and utilization of electric power.

▸ **IEEE Kiyo Tomiyasu Award**, for outstanding early to mid-career contributions to technologies holding the promise of innovative applications.

▸ **IEEE Transportation Technologies Award**, for advances in technologies within the fields of interest to the IEEE as applied in transportation systems.

▸ **IEEE Undergraduate Teaching Award**, for inspirational teaching of undergraduate students in the fields of interest of IEEE.

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IEEE Recognitions

For individual or corporate contributions within the IEEE technical fields of interest

- IEEE Service Awards

  - • **IEEE Haraden Pratt Award**, for outstanding volunteer service to the IEEE.

  - • **IEEE Richard M. Emberson Award**, for distinguished service advancing the technical objectives of the IEEE.

- IEEE Recognitions

  - • **IEEE Corporate Innovation Award**, for an outstanding innovation by an organization in an IEEE field of interest.

  - • **IEEE Honorary Membership**, to individuals not members of the IEEE, who have rendered meritorious service to humanity in IEEE's designated fields of interest.

  - • **IEEE Theodore (Ted) W. Hissey Outstanding Young Professional Award**, may be awarded to a young professional for contributions to the technical community and IEEE fields of interest.

  - • **IEEE Eric Herz Outstanding Staff Member Award**, for sustained contributions by a present or past full-time staff member. *Exception: The nomination deadline is **15 January** for the Herz Award.*