

Call for Nominations for the 2027 IEEE Antennas and Propagation Society Field Awards

Nominations are solicited for the 2027 IEEE AP-S field awards. There are ten field awards that the Society will give in 2027. A brief description of each award and a template of the nomination form are provided below. All nominations are subject to the terms in the AP-S and IEEE guidelines detailed in the Operating Manuals and Bylaws. The awardee must be a member of the IEEE Antennas and Propagation Society for a minimum of three consecutive years prior to the nomination.

Please note that self-nominations are strongly discouraged. Nominations for candidates who have received a field award in the past two years are not eligible, as well as are not eligible nominations for candidates who have previously received the Distinguished Achievement Award. Note: the nomination form and the reference letters must be combined and submitted as a single PDF file.

The deadline for nominations is December 31, 2026.

Distinguished Achievement Award

The Distinguished Achievement Award is given annually to recognize outstanding career achievement by an individual in the field of antennas and propagation. Preference is given to a member of the Society.

The criteria considered by the AP-S Awards Committee include:

- Contributions to fundamental electromagnetic theory and its advanced applications
- Contributions to the theory of antennas
- New methods and approaches to analysis, synthesis and design of antennas
- New methods of analysis of propagation of electromagnetic waves
- Other new contributions relevant to the field of antennas and propagation

Chen-To Tai Distinguished Educator Award

The Chen-To Tai Distinguished Educator Award is given annually to recognize outstanding career achievement by a distinguished educator in the field of antennas and propagation.

The criteria considered by the AP-S Awards Committee include:

- Excellence in teaching
- Involvement with and direction of students to prepare them for effective careers in electromagnetics
- Curriculum development with inclusion of current research and knowledge that reflects the state of the art in courses
- Authorship of research and course material

John Kraus Antenna Award

This award, established by John D. Kraus, honors an individual or team that has made a significant advance in antenna technology.

The criteria considered by the AP-S Awards Committee include:

- A new or substantially improved method or device for radiating or receiving electromagnetic waves
- A new concept for the electromagnetic transmission, reception, or imaging of signals, an innovative use of materials or configuration of structures to achieve better electromagnetic performance
- A design that yields a heretofore unknown capability

Donald G. Dudley Jr. Undergraduate Teaching Award

This award recognizes outstanding and original contributions to undergraduate education by an individual assistant professor or equivalent at an accredited institution of engineering education. The educator should be in the general area of electromagnetic education, including theory, analytical solutions, numerical methods, antennas and propagation, phenomena visualization and measurements.

The criteria considered by the AP-S Awards Committee include:

- Development and implementation of teaching/learning tools that are or can be made available to students and instructors worldwide, and have gained documented acceptance by students and professors
- Documented excellence in undergraduate

teaching

- Involvement with and direction of undergraduate students to prepare them for successful engineering careers
- Curriculum development with inclusion of current research and knowledge that reflects the state of the art in courses
- Authorship of educational material

Harrington-Mittra Award in Computational Electromagnetics

The Harrington-Mittra Award in Computational Electromagnetics is given annually to recognize outstanding achievement in Computational Electromagnetics. Preference is given to a member of the Society.

The criteria considered by the AP-S Awards Committee include:

- Fundamental contributions to theory and applications of integral equations, differential equations and asymptotic methods in electromagnetics
- Innovative numerical methods for Antennas and EM Scattering problems
- Innovative numerical methods for analysis of propagation of EM waves

IEEE AP-S Maria Stuchly Award in Bio-electromagnetics

The new IEEE AP-S Field Award in bio-electromagnetics will recognize an individual or group who have demonstrated the profound impact of antennas and propagation in the development of bioelectromagnetic science, engineering, or technology for the good of humanity. This new Award does not conflict with any existing IEEE AP-S Field Awards but fills a gap in the recognition of research and development in bio-electromagnetics, a highly impactful and rapidly growing field. The award is named after Prof. Maria Stuchly, whose enduring legacy demonstrates the highest qualities in research, mentoring, and service.

Standards Development Award

This award recognizes an individual's major contributions to the development and/or application of standards in the fields of antennas, propagation, and electromagnetics. The awardee must be a member of the IEEE Antennas and

Propagation Society for a minimum of three consecutive years prior to the nomination.

IEEE Antennas and Propagation Society Distinguished Industry Leader Award

This award recognizes an industry executive whose leadership in a large company or smaller consulting firm has resulted in major advances, new directions and developments in the antenna and electromagnetics industry. Specifically, the goal is to recognize an electromagnetics-trained industry executive who has played a major leadership role in research or development and the introduction of antenna related systems, devices, applications or services that have significantly impacted the global community.

The award is open to individuals at any level who were industry employees at the time of the accomplishments being recognized. The recipient must be a member of the IEEE Antennas and Propagation Society for a minimum of three years prior to the nomination. The criteria considered by the AP-S Awards Committee include executive leadership resulting in major advances, new directions and developments in the antenna and electromagnetics area. Evaluation is based on factors such as the impact on the industry, global acceptance of products and services, financial success and growth of the business, ubiquity of the products and services, emulation of the contributions by the competition, and the degree of the candidate's global recognition. Other selection criteria include time of service and specific innovations.

IEEE Antennas and Propagation Society Industrial Innovation Award

This award recognizes major industrial accomplishments, standards, deployment of important processes or products that are of substantial benefit to the public in the field of antenna and electromagnetic technologies and visible beyond the company or institution where the contribution was made. The award is open to individuals at any level who were industry employees at the time of the accomplishments being recognized. The recipient must be a member of the IEEE Antennas and Propagation Society for a minimum of three years prior to nomination. The criteria considered by the AP-S Awards Committee include major industrial accomplishments, standards, deployment of important processes or products that are of substantial benefit to the public in the field of antennas, propagation and electromagnetics and visible beyond the company where the contribution was made.

NOMINATION FORM FOR THE ABOVE AWARDS

1. **Nomination Form** (maximum of 5 pages, minimum 10 pt font)
 - a) Name of Nominee:
 - b) Professional Affiliation and Title:
 - c) Address (include Email):
IEEE Member: Yes / No
IEEE APS Member: Yes / No
IEEE Number: ##
IEEE Grade: Member / Senior Member / Fellow / Life Fellow
 - d) Principal Employment: Years, short description
 - e) Education beyond twelfth grade. Please include institution/location, degree, year received.
 - f) Achievement pertinent to the qualifications for the Award (please address criteria listed above pertinent to the specific Award).
 - g) Evidence of the significance of the nominee's contributions relevant to the award.
 - h) Proposed Citation. (maximum 25 words)
 - i) Nominator's Name, Business Affiliation, Work or home address, Telephone, Fax, Email.
 - j) As nominator, how long and in what capacity have you known the candidate?
 - k) Is this a NEW or UPDATED nomination? (Nominations may be carried forward for up to 5 years from the date of their initial submission.)
2. **Endorsement Letters** (maximum of 4 letters, maximum of 2 pages per letter, minimum 10 pt font).
Letters should include the name, address, and email of the endorser, and how long and in what capacity they have known the candidate.
Letters cannot be written by current¹ members of AP-S AdCom or Field Awards SubCommittee.

Please combine the completed nomination form and all endorsement letters into a single PDF file and email it to:

Prof. Stefano Maci
Awards Committee Chair
Email: stefano.maci@unisi.it ,

Prof. Yang Hao
Field Awards Subcommittee Chair
Email: y.hao@qmul.ac.uk

(please copy Rachel Moore, r.r.moore@ieee.org, and Ashley Shaw, a.shaw@ieee.org)

For 2027 awards, this would apply to any member of these committees as of Dec. 31, 2026. New AdCom and Committee Members take their places Jan. 1, 2027. In the event a committee member has written a letter or nomination for a nominee prior to taking office, they will be recused from discussion and voting on any decisions that include that nominee. If a nomination is being "continued" from another year, and letters were written by members prior to taking office, they can be used in the nomination, and the letter writer will be recused. For questions related to qualification for awards, qualification for letter writers, or other questions about awards, please contact stefano.maci@unisi.it