AESS Awards Ad Hoc Committee

AESS Board of Governors Meeting

October 28-29, 2018

Rome, Italy

Fulvio Gini

AESS Awards Vice-Chair

AESS Awards Ad Hoc Committee Chair

AESS Awards Ad Hoc Committee

- Fulvio Gini: Chair (since 19 April 2018)
- Erv Gangl (AESS Awards Chair)
- Bob Rassa (AESS Treasurer)
- Dale Blair
- Peter Willett
- Shannon Blunt
- Bill Melvin

8/8/2022

AESS Awards (from the TAB Awards Manual)

1. Society Pioneer Award
2. M. Barry Carlton Award
3. Harry Rowe Mimno Award
4. Fred Nathanson Memorial Radar Award
5. Outstanding Technical Panel of the Year Award
6. Chapter of the Year Award
7. Warren D. White Award for Excellence in Radar Engineering
8. Walter R. Fried "PLANS" Best Paper Award in Navigation
9. IEEE AESS Outstanding Organizational Leadership Award
10. IEEE AESS Judith A. Resnik Space Award
11. IEEE AESS Robert T. Hill Best Dissertation Award

- IEEE Dennis J. Picard Medal for Radar Technologies and Applications (this is an IEEE Medal)

Objectives

- What are our long term strategic **objectives**?

  - Taking a fresh look at all awards;

  - Initiating new awards.

  - Implementing changes to ensure better governance through revised processes and structures;

3 Committee Meetings

  - 6 July 2018, 29 August 2018, 24 September 2018

8/8/2022

Initiatives (1/3)

- What are our short term (1 year) **initiatives**?

Phase 1 - Collect information on the IEEE side:

- IEEE Policy & Procedures Section 4 - Awards Activities

  http://www.ieee.org/about/awards/information.html

- How to obtain approval for new and revised awards

  - Template for Establishing a New IEEE Society/Council Award

  - Guidelines for Technical Conference Awards

  - Template for Establishing a New IEEE Technical Conference Award

- IEEE Medals and Field Awards

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Done!

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Initiatives (2/3)

Phase 2 - Collect information on "our" side:

- For all the AESS awards, information on:

- **Nominee Solicitation**: mechanism to solicit nominations.

- **Award Committee**: composition of awards committee (how many, who, etc.), how members are appointed to the committee, who appoints?

- **Schedule**: schedule for submission of nominees and selection, notification of recipient, annual or a periodic award, etc. **For a paper nomination**: paper nomination schedule and deadline for receipt; when the award will be decided; and the winners notified.

- **Selection/Basis for Judging**: factors to be considered, scoring, committee voting procedure, etc.

- **Presentation**: preferred location and date of award presentation, presented in the name of entity, etc.

- **Funding**: who funds the award?

Initiatives (2/3)

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Mostly Done!

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Initiatives (3/3)

Phase 3 – Committee operative:

- Update this committee members; **Done!**

- Schedule periodical committee meetings; **Done!**

- Prepare a statement about the Conflict of Interest; **Done!**

- Initiate a new award for Industry; **Done!**

- Discuss about the AESS Exceptional Service Award; **Done!**

- Revise the contents of the TAB AWARDS AND RECOGNITION MANUAL; **Initiated ...**

- Revise (if necessary) the procedure for some award; **Next task ...**

1. Conflict of Interest

- Statement about the CoI:

  - *Annex I-AESS Awards conflict of interest 2018.doc*

- This 1-page document defines the selection-board exclusion criteria and the actions to be taken in the presence of a CoI between a candidate and a selection-board member.

- This document does not contain (purposely) a statement about who should not be eligible for receiving an award, since this can depend on the specific award.

AESS Awards Conflict of interest (CoI)

IEEE policy identifies all nominators and all endorsers of candidates for an IEEE award to have a Conflict of interest (CoI) with regard to appointment to selection board for that award. While AESS accepts this IEEE policy on CoI for awards selection boards, AESS extends this policy for AESS Awards so that their award selections are free of CoI and any appearance of CoI. A CoI for the purpose of AESS awards is defined as a close and identifiable relationship. This selection-board exclusion clearly applies to nominators and endorsers of a candidate for an award. Other examples include colleagues who in the past five years have worked in nearby departments for the same employer; graduate student or graduate advisor; persons whose relationship involves potential influence (e.g., manager and someone is his organization or a program manager of a funding-agency and awardees); relatives or close friends. It is understood that many fields comprising AESS are themselves not large; hence, it is unreasonable to expect complete lack of acquaintance between all award candidates and members of the selection board. For example, neither a light joint publication record nor a position in different departments of a large organization or company is intrinsically a substantial CoI. A post-doc of one year or less and the joint publications that result is not considered a substantive COI. A

1. Conflict of Interest

less and the joint publications that result is not considered a substantive COI. A post-doc longer than a year and joint publications beyond the focus of the post-doc is considered a substantial COI. Ultimately, the member of the selection board should declare any CoI to the chair of the selection board and the AESS Awards Chair. The AESS Awards Chair, with input from the chair of the selection board, will deem the COI as substantive or incidental. In the event that an award nomination results in a substantive CoI, the member of the selection board with the substantive CoI will be recused from the selection process of that award, and this fact should be communicated to the AESS President via the AESS Awards Chair to be recorded. Depending on the number of recusals, it may be necessary to appoint additional members, and indeed, it may be the chair of the selection committee who should be recused; these decisions are at the discretion of the AESS President under advice from the chair of the selection board and AESS Awards Chair.

2. AESS Industry Award

- Proposal for the new Industry Award:

  – *Annex II-AESS Industrial Innovation Award.doc*

- Some important facts:

- 1) During the last BoG meeting, the AESS President's asked to discuss the possibility to introduce a new award targeting industry colleagues and in case prepare a proposal for an Industry Award.

It was suggested to create an industry specific award.
ACTION ITEM: Fulvio Gini/Shannon Blunt – Research the suggestion of industry specific awards. AI-0768

2. AESS Industry Award

- 2) Other Societies (SSP, GRSS, ComSoc, Circuits and Systems, Robotics and Automation) have already this kind of award, e.g.:

  - *IEEE SPS Industrial Innovation Award (established in 2015) ;*

  - *IEEE SPS Industrial Leader Award for Industry (2015);*

  - *IEEE GRSS Industry Leader Award (2015).*

- 3) The target should be those colleagues from industry that contribute to area with industrial products of high impact but usually do not publish the results of their work in our journals or in our conferences.

2. AESS Industry Award

- Our proposal:

Title
IEEE AESS Industrial Innovation Award

Description
To recognize an individual or team at any level who were industry employees whose technical contributions have resulted in significant advances in integrated electronic systems and large-scale integrated interoperable systems within the scope of the Society.

Administration
The IEEE Aerospace and Electronic Systems Society (AESS) will responsible for administering the award.

Eligibility
The award shall be open to individuals at any level who were industry employees and played a significant role in the technical contribution at the time of the accomplishments being recognized. Candidate need not be an IEEE AESS member. It is preferred that recipients of the IEEE AESS Industrial Innovation Award be members of IEEE. However, the IEEE Board of Governors may approve the presentation to a non-member upon the recommendation of the IEEE AESS Board of Governors. Current officers and members of the AESS Board of Governors are ineligible. Self-nominations are not accepted or considered. Eligibility and Selection process shall comply with procedures and regulation established in IEEE and Society governing documents, particularly with IEEE Policy 4.4 on Awards Limitations.

2. AESS Industry Award

Prize Items

$1,500 per awardee (up to a maximum of $4,500 per award) and a plaque and certificate. In the event that there are more than three awardees, the maximum prize shall be divided equally among all awardees and each shall receive a plaque and certificate.

☐   **Single Annual Award - Only One Allowable Recipient Selected Annually. Recipient receives full prize including honoraria, and, if applicable, plaque and/or certificate.**

X   **Single Annual Award with Multiple Recipients – Prize to be split among multiple recipients. (e.g. Multiple Authors or Multiple People/Team that collaborated on the achievement and contribution).** Indicate that multiple recipients are allowable and specify if each will share the prize. Specify the number of allowable recipients and if a maximum number of recipients applies. Specify how to handle prizes for multiple recipients (e.g. should prize be split evenly for multiple recipients?) Is there a limit on the prize amount if multiple recipients? If award includes travel, specify who is entitled to travel allowance (e.g. perhaps only one of the awardees is entitled to travel allowance). Need to ensure financial commitments are maintained. Also need to ensure splitting the prize amongst many recipients will not diminish the value of the award. *(Note: please ensure prize amounts need to be in accordance with Hierarchy of Awards allowable limits provided with this template.)*

☐   **Multiple Awards Given Annually - Each recipient receives full prize** (e.g. 3 Awards to be given each year; each recipient receives full prize amount) If multiple awards are allowable indicate how many will be given in one year. Is there a maximum amount of awards that can be given? For example, up to 5 awards/scholarships can be given

2. AESS Industry Award

Frequency

Up to one (1) award may be presented annually. The award will not be conferred in any given year for which there are no suitable candidates identified.

Funds

The award will be funded out of the annual IEEE AESS operating budget and the budget will remain net positive with inclusion of the award.

Nominee Solicitation

One Industrial Innovation Award may be presented annually, provided nominations meet the specific criteria. There shall be an open call for nominations reaching all Society members. Nominations will also be solicited from specific boards/committees of the Society, which are the Education Committee, technical committees, editorial boards and the major boards of the Society. Nominations may arise from any individual or committee/board. Nominations shall be submitted directly to the Society's Awards Chair, who is responsible for vetting all the nominations and ensuring that there are at least two nominations for the award. The nomination information will be forwarded to the committee that will manage the selection process.

Award Committee

The AESS Industrial Innovation Award selection committee will be responsible for managing the award selection process. The committee is comprised of four (4) members: the Chair, who shall hold the grade of IEEE Fellow and shall be appointed by the AESS President, with the advice and consent of the Board of Governors, to serve three years, non-renewable; three (3) members, each year one member will be elected by the Board of Governors from a pool of nominations, whose terms on the selection committee may not exceed three years, non-renewable. They may be rotated more frequently in the case of conflicts of interest, whereby a member is perceived to receive a benefit from the success of one candidate over others. Committee membership strives to maintain a distribution that is internationally representative of the AES community.

2. AESS Industry Award

Schedule

Nomination Period Opens:	1 April annually
Submission Deadline:	1 October annually
Selection of Recipient:	1 December annually
Notification of Recipient:	15 December annually
Presentation of First Award:	IEEE AESS conference
Annual or a Periodic Award:	Annual

Selection/Basis for Judging

Selection will be based on major industrial accomplishments, standards, deployment of important processes or products, etc. that are of substantial benefit to the public, which use integrated electronic systems and large-scale integrated interoperable systems within the scope of the Society and are visible beyond the company or institution where the contribution was made.

Presentation

Presentation shall be made at a convenient IEEE AESS conference.

Publicity

Publicity for the award will be through announcements in the AESS webpage, in the AESS Magazine, via the Quarterly Email Blast (QEB) and via e-mail bursts to all Society members.

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3. AESS Exceptional Service Award

▣ The majority of the members (4 out of 7) were in favor of NOT transforming the <u>AESS Exceptional Service Award</u> from a **Certificate of Merit** to an official **AESS Award**, so we suggest to keep it as it is now.

▣ **Pros**: more flexible procedure (as a matter of fact so far has been given to ack some meritorious service to the Society, on proposal of some BoG members, voted by the BoG, and sometimes the recipients were BoG members).

▣ **Cons**: by making it a formal award there are more constraints but we give more importance to the award.

4. Work in progress …

1. Revise the TAB Awards Manual.

2. Revise the procedure for some awards, e.g. the rules to update the members of a selection committee.

- **Next Committee Meeting**:
  - End of October.

8/8/2022