



# IEEE Aerospace Electronic Systems Awards

Fulvio Gini

*2022 AESS Spring Board of Governors Meeting*

*25-26 March 2022*

*New York, New York, USA*

## AESS Awards Ad Hoc Committee

- **Fulvio Gini** (Chair)
- **Braham Himed**
- **Lance Kaplan**
- **Fabiola Colone**
- **Hugh Griffiths**

## Objectives

- **Long term strategic objectives:**
  1. **Taking a fresh look at all awards;**
  2. **Initiating new awards;**
  3. **Implementing changes to ensure better governance through revised processes and structures.**

# Main Activities

Awards	Category	Who manage the selection process	Nomination deadline
1. Pioneer Award	Society Award	Awards chair	December 1
2. Outstanding Organizational Leadership Award	Society Award	Awards chair	December 1
3. Judith Resnik Space Award	Society Award	Awards chair	December 1
4. Industrial Innovation Award	Society Award	Awards chair	December 1
5. Early Career Award	Society Award	Awards chair	December 1
6. Outstanding Technical Panel of the Year Award	Member Services Award	VP Technical Operations	December 1
7. Chapter of the Year Award	Member Services Award	VP Member Services	December 1
8. Robert T. Hill Best Dissertation Award	Education Award	VP Education	October 31
9. Engineering Scholarship	Education Award	VP Education	December 1
10. Michael C. Wicks Radar Student Travel Grant	Education Award	Co-chairs of the Student Activities Committee	December 1

# Main Activities

Awards	Category	Who manage the selection process	Nomination deadline
<b>11. Warren D. White Award</b>	<b>Panel Award</b>	<b>Committee Chair (appointed by the RSP chair)</b>	<b>January 31</b>
<b>12. Fred Nathanson Memorial Radar Award</b>	<b>Panel Award</b>	<b>Committee Chair (appointed by the RSP chair)</b>	<b>January 31</b>
<b>13. M. Barry Carlton Award</b>	<b>Publication Award</b>	<b>Journal EiC</b>	<b>January 31</b>
<b>14. Harry Rowe Mimno Award</b>	<b>Publication Award</b>	<b>Journal EiC</b>	<b>January 31</b>
<b>15. Walter R. Fried "PLANS" Best Paper Award in Navigation</b>	<b>Publication Award</b>	<b>Conference OC</b>	<b>January 31</b>

Certificate of Merit	Category	Who manage the selection process	Nomination deadline
<b>AESS Exceptional Service Award</b>	Certificate of Merit	AESS BoG	On demand

Outstanding Organizational Leadership Award	Society Pioneer Award	Judith A. Resnik Space Award	Industrial Innovation Award	Early Career Award
Peter Willett (2)	Daniel Tazartes (1)	Maruthi Akella (2)	Joseph Guerci (2)	George T. Schmidt (2)
Michael Braasch (2)	Pratap Misra (2)	Aloke Roy (2)	<a href="#">Lyudmila Mihaylova</a> (1)	<a href="#">Yaakov Oshman</a> (2)
Moeness Amin (2)	<a href="#">Maria S. Greco</a> (1)	Mark Bentum (2)	Roberto Sabatini (2)	Steve Butler (2)
<a href="#">Stephanie Bidon</a> (1)	<a href="#">Giuseppe A. Fabrizio</a> (1)	<a href="#">Jade Morton</a> (2)	Michael Noble (1)	<a href="#">Kathleen Kramer</a> (1)

- **3 years for the chair and 3, 2, and 1-year terms for the committee members.**
- **Please, suggest names for new committee members for next award selections**  
*[ we plan to change one member for each committee every year ].*
- **Gender and Geographical Diversity!**

- ▶ Provide **SWOT** Planning For **Awards** Area
  - Strengths: What Has Been Accomplished In Last 3 Years
  - Revision of the various awards definition/scope/eligibility/etc and revision of the text in IEEE TAB Awards manual
  - Established two new awards: the Early Career Award and the Industrial Innovation Award
  - Revision of the various deadlines (now Dec. 1 or Jan. 31, except the Bob Hill PhD Award)
  - Call for Nominations sent periodically by email to all AESS members, AESS Panel chairs, and AESS Chapter chairs
  - Monitoring of the various awards selection processes
  - Re-organization of the Awards webpage and on-line nomination submission system operating soon for all AESS awards: <https://ieee-aess.org/awards>



## About Awards

- [Society Awards Committee](#)
- [Society Awards](#)
- [Education Awards](#)
- [Technical Panel Awards](#)
- [Publication Awards](#)
- [Member Services Awards](#)
- [Conference Awards](#)
- [IEEE Awards](#)
- [Member Elevation](#)



### Welcome to the Awards Homepage of the IEEE AESS website.

Awards are a critical part of the IEEE recognition process for its members and others who have provided significant contributions to the advancement of the Aerospace and Electronic Engineering Profession. In this portion of the website, we identify the current awards that the Aerospace and Electronic Systems Society gives and others that we participate in either with other societies and the IEEE HQ. You will find here the relevant award criteria, past award recipients, the nomination process, and other pertinent information. Please feel free to contact me if you have any questions or need nomination support.

**Fulvio Gini**

AESS Awards Chair







## Society Awards

- [Early Career Award](#)
- [Industrial Innovation Award](#)
- [Judith A. Resnik Space Award](#)
- [Organizational Leadership Award](#)
- [Pioneer Award](#)
- [Certificate of Merit for Exceptional Service](#)

## IEEE AESS Industrial Innovation Award

- [Description](#)
- [Recipients](#)

### 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.

### Prize

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

### Funding

Funded by the IEEE Aerospace and Electronic Systems Society

### Presentation

At a convenient IEEE AESS conference

### 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. The candidate does not have to be an IEEE/AESS member, but given everything else being equal, a member will be given preferential consideration. Current officers and members of the AESS Board of Governors are ineligible. Self-nominations are not accepted or considered.

### Nomination Details

Deadline extended to 31 March 2022.

### Nomination Deadline

1 December

### Nomination Form

[AESS Industrial Innovation Award](#)

### Recognition Category

AESS Society Awards





## IEEE AESS Early Industrial Innovation Award - Nomination Form

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.

The award is 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.

Remember this is a technical achievement award, program management successes are recognized by the Management Society. There have been some challenges in recent years questioning if we had the "real" contributors, especially since successful "complex systems" tend to have many fathers. That's why the endorsement letters are so critical. They establish the validity of the individual(s) that are key, those that without them the success of the "system" would have been highly unlikely. It is not a condition that any awardees should have been sole or original inventor or developer, "significant contribution" of a specific nature is the key criterion

**Submission Due Date:** ~~December~~ 31 March 2022

### Nominee Information:

Nominee's Full Name

IEEE Grade, Year (If Member)

Date of Birth

gg / mm / aaaa

Place of Birth

(Country)

Gender

Gender

IEEE Region

- None -

Nominee's Professional Affiliation & Title

Nominee's Home Mailing Address



- ▶ Provide **SWOT** Planning For **Awards** Area
  - **Strengths**: What Has Been Accomplished In Last 3 Years
  - **Proposed the IEEE AESS Distinguished Service Award (approved by the TABARC on March 21st, submitted to the Technical Activities Board for approval at its June 2022 meeting)**
  - *Note that this award will replace the existing IEEE AESS Organizational Leadership Award, i.e. the IEEE AESS Organizational Leadership Award will be dissolved with the approval of this new IEEE AESS Distinguished Service Award.*

- ▶ Provide **SWOT** Planning For Awards Area
  - Weaknesses: Define Areas Of Growth (3 Years) Needed To Improve Services
    - **For most of the awards, the number of nominations received every year is still small; sometimes only 1 (in this case we usually extend the deadline) or 2.**
  - Opportunities: Define Quantified Plans And Collaborations Needed
    - **The six AESS Panels should contribute more substantially, e.g. providing 1-2 nominations every year for each award (TBD with VP Technical Operations, Michael Braasch).**
    - **A collaboration has recently been initiated with the Industry Relations committee (chaired by the VP Industry Relations, Michael Noble) to stimulate more nominations of industry people for our awards, and in particular for the Industrial Innovation Award.**