

Growth Through Engagement and Teamwork

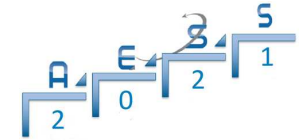
Awards

Fulvio Gini, Chair

October 7-8, 2021

AESS BoG Virtual Meeting

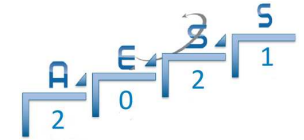




AESS Awards Ad Hoc Committee

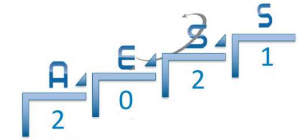
- **Fulvio Gini** (Chair)
- **Lance Kaplan**
- **Bob Rassa**
- **Roy Streit**
- **Yonina Eldar**
- **Braham Himed**

AESS Awards - deadlines



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 A. 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. Robert T. Hill Best Dissertation Award	Society Award	VP Education	October 31
7. Chapter of the Year Award	Society Award	VP Member Services	December 1
8. Outstanding Technical Panel of the Year Award	Society Award	VP Technical Operations	December 1
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

AESS Awards - deadlines



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

AESS Awards - selection committees

Outstanding Organizational Leadership Award	Society Pioneer Award	Judith A. Resnik Space Award	Industrial Innovation Award
Hugh Griffiths (2)	Daniel Tazartes (1)	Maruthi Akella (2)	Joseph Guerci (2)
Michael Braasch (2)	Pratap Misra (2)	Aloke Roy (2)	Joachim Ender (2)
Moeness Amin (2)	Michael Picciolo (2)	Mark Bentum (2)	Roberto Sabatini (2)
Peter Willett (2)	Don Sinnott (2)	Moriba Jah (1)	Michael Noble (1)

Early Career Award

George T. Schmidt (1)
MIT Instrument Laboratory/
Draper Laboratory (Retired), USA

Yaakov Oshman (1)
Technion, Israel

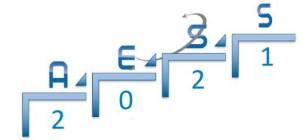
Steve Butler (1)
Johns Hopkins University Applied
Physics Laboratory, USA

Kathleen Kramer (0)
University of San Diego,
San Diego, USA

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



Discussion Topics (1)



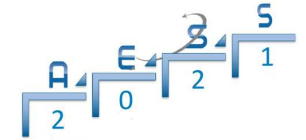
Facts

AESS does not have a **Distinguished Service Award** (sometimes called Outstanding/Special/Meritorious Service Award, but also with other names): all IEEE societies have one or even multiple Distinguished Service awards.

AESS Exceptional Service Award: the name contains the word “award” but actually, it is a “Certificate of Merit”, not an AESS award. In fact, it is not reported in the IEEE TAB Awards manual. There is no a precise deadline and there is no selection committee that rank the nominations. It is assigned on request of some BoG member and voted by the BoG members

IEEE AESS Outstanding Organizational Leadership Award: this award, established in 2017, is to recognize candidates that have the unique capability of conceiving and organizing innovative and successful events in the field of interest of the IEEE AES Society. The scope is quite narrow, very difficult to find good nominations; no nominations this year.

Discussion Topics (1)



An **AESS Outstanding Leadership Award** with broad scope is presently missing.

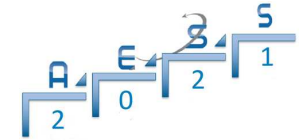
For most of the Societies, service as leader is recognized through a distinguished service award putting the word “leadership” in the citation.

A few societies have a dedicated award (some of them only for leadership within industry):

- IEEE Communications Society Distinguished Industry Leader Award
- IEEE Consumer Electronics Society Distinctive & Exemplary Industry Leader Award
- IEEE GRSS Industry Leader Award
- IEEE GRSS Regional Leader Award
- IEEE SPS Amar G. Bose Industrial Leader Award
- IEEE EPS Corning Leadership in Glass Award
- IEEE Power & Energy Society Leadership in Power Award
- IEEE RAS George Saridis Leadership Award in Robotics and Automation

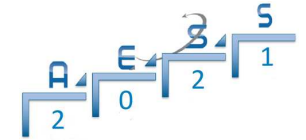
Facts

Discussion Topics (1)



- ❑ Recognizing impactful leadership is important in our professional community. Leadership is a vocation that IEEE and operational units such as the AESS are seeking to develop and celebrate in the membership. An award recognizing outstanding leadership is a positive offering to AESS members.
- ❑ The recognition of leadership should be broadened beyond the organization of events and not focus on a membership sector. The criteria of the award would permit the recognition of diverse leadership contributions from all membership sectors (industry, academia, government) of beneficial impact to AESS community.
- ❑ The award would enable recognition of outstanding leadership contributions that may or may not be performed in a volunteer capacity for the IEEE or AESS (i.e., not limited to “service”).

Discussion Topics (1)



□ Proposal 1:

1. Stop the IEEE AESS Outstanding Organizational Leadership Award;

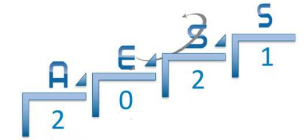
2. Create a new IEEE AESS award called:

IEEE AESS Distinguished Service Award

with broad scope, that covers various kind of services (and includes leadership) in different areas of interest of AESS;

3. Start calling the AESS Exceptional Service Award “Certificate of Merit for Exceptional Service” (assigned by the BoG following the usual rules).

Discussion Topics (1)



□ Proposal 2:

1. Broaden the scope and change the name of IEEE AESS Outstanding Organizational Leadership Award. New name:

IEEE AESS Outstanding Leadership Award

recognizing significant leadership contributions not limited to organizing events or in a service role to IEEE in different areas of interest to AESS;

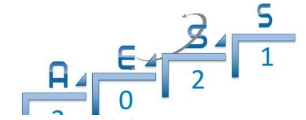
2. Create a new IEEE AESS award called:

IEEE AESS Distinguished Service Award

with broad scope, that covers various kind of services not including those demonstrating significant leadership in different areas of interest to AESS;

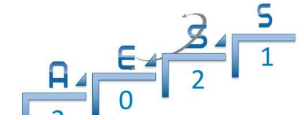
3. Start calling the AESS Exceptional Service Award “Certificate of Merit for Exceptional Service” (assigned by the BoG following the usual rules).

Option 1 vs Option 2



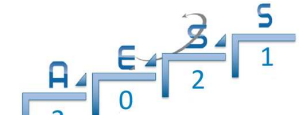
- ❑ Leadership can be considered as a kind of service. Under option 1, the citation would help to stress the kind of leadership.
- ❑ An award dedicated to the vocation of leadership more effectively recognizes and distinguishes outstanding leadership from other kinds of service. Option 2 also permits to recognize leadership contributions of benefit to the AESS community that cannot be categorized as a “service”.
- ❑ Most IEEE societies have implemented a Distinguished Service Award (or equivalent) to capture all kinds of service including leadership.
- ❑ Eight IEEE societies including SPS, GRSS and ComSoc that are technically comparable to AESS have created a separate award to recognize leadership in industry. The AESS has the largest percentage of industry members of all IEEE Societies and could offer a leadership award.

Option 1 vs Option 2



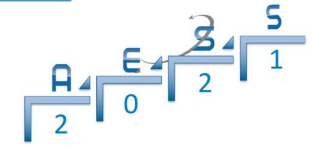
- ❑ One can show leadership doing a service to the society. It can be difficult to distinguish clearly what is "pure" service and what is leadership in the activities that made them to deserve the award. Generally, service and leadership are intertwined and very hardly separable.
- ❑ Guiding principles can be used to distinguish between outstanding leadership with significant innovation in setting new directions or creating new initiatives that lead to substantial change and beneficial impact, with service that is greatly valued by the AESS community although it cannot not be categorised as being highly innovative or transformational in character.
- ❑ A consequence could be that the same people will be nominated in sequence (in different years) for both the awards. This is a very concrete risk and it is difficult to avoid it if we do not collect every year enough outstanding nominations.
- ❑ A person may receive both awards during their career (similarly to other AESS awards for technical achievement) but for different contributions that match the award criteria. The awards committee can establish procedures to avoid a person receiving two awards for the same contribution.

Option 1 vs Option 2



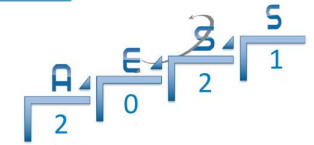
- ❑ To have two separate awards would make it more difficult to find every year good nominations for both the awards.
- ❑ The broadened scope of the outstanding leadership award will attract more nominations. It is important to tackle the issue of nominations directly through initiatives that help to generate nominations.
- ❑ Option 2 provides members in leadership roles with an opportunity to demonstrate formal evidence of AESS peer recognition that can, for example, be used to support IEEE Fellow nominations in the Technical Leader category (similar to the pathway in other awards for Research Engineer category).
- ❑ The legacy of past winners of the IEEE AESS Organizational Leadership award would be seamlessly preserved if AESS maintains a dedicated award recognizing leadership under option 2.

Option 1 or Option 2?



Please vote to choose between **Option 1** and **Option 2**.

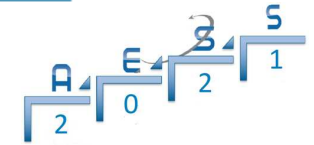
Proceed to vote on either **Motion 1** or **Motion 2**.



Motion 1

It is moved to:

1. Stop the IEEE AESS Outstanding Organizational Leadership Award;
2. Create a new IEEE AESS award called the **IEEE AESS Distinguished Service Award** with broad scope, that covers various kind of services (and includes leadership) in different areas of interest of AESS;
3. Start calling the AESS Exceptional Service Award “Certificate of Merit for Exceptional Service” (assigned by the BoG following the usual rules).

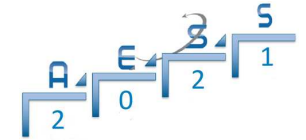


Motion 2

It is moved to:

1. Change the scope and the name of the IEEE AESS Outstanding Organizational Leadership Award. New name: **IEEE AESS Outstanding Leadership Award** with broad scope, that covers various kind of leadership in different areas of interest of AESS;
2. Create a new IEEE AESS award called: **IEEE AESS Distinguished Service Award** with broad scope, that covers various kind of services (but not leadership) in different areas of interest of AESS;
3. Start calling the AESS Exceptional Service Award “Certificate of Merit for Exceptional Service” (assigned by the BoG following the usual rules).

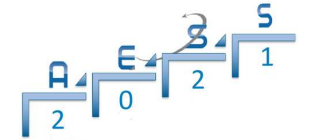
Discussion Topics (2)



M. Barry Carlton Award & Harry Rowe Mimno Award

very difficult to obtain spontaneous nominations, preselection mostly on the shoulders of the EiCs (based on citations, downloads, etc.)

- I think that the various AESS Panels should contribute more substantially, e.g. providing 1-3 nominations every year for each award.
- I started talking with the VP Tech. Op., prof. Marina Ruggeri, to involve more actively the 6 AESS Technical Panels in the nomination process.
- Suggestions are welcome!



Thanks for your attention!