



# IEEE Aerospace Electronic Systems VP Education

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*AESS BoG Meeting*

*5<sup>th</sup> – 6<sup>th</sup> May 2023*

## ▶ Strengths

- Virtual distinguished lectures have been a huge success.
- Educational events organized by the technical panels (e.g. Radar Summer School - RSP).

## ▶ Weaknesses

- Decision times on awards/scholarship.

## ▶ Opportunities

- Expand DL concept to lecture series complementary to the DSTEI initiative.
- Capitalize on experience gained organizing online educational events.
- Capitalize on experience gained organizing educational events (e.g. RSS & Radar Challenge - RSP).

## ▶ Threats

- Necessity to change educational offerings in order to meet current demands.

*Facilitate quality **in-person and online educational events** while reducing barriers to **accessing education resources**.*

1. Expand online educational offerings
2. Facilitate the organization of in-person educational events within the society
3. Aid members in accessing educational resources

## Status:

- A set of webinars has been organized. It was difficult to obtain recommendations for speakers and to obtain a commitment from potential speakers. Hosting webinars as virtual DLs is significantly easier.
- Continued growth of videos on ILN, from 96 in October '22 to currently 130 as of April '23. ILN usage as of 6<sup>th</sup> April: 2023 – 218 (56) total views, 2022 – 291 (52) total views, 2021 – 5 (0) total views (brackets indicate completed views).
- Online distinguished lectures are also added to Vimeo. Vimeo usage as of 20<sup>th</sup> April: 2023 – 139 per video average views, 2022 – 158 per video average views, 2021 – 51 per video average views, 5247 total views.

## 2023 Goals:

- Organize a set of webinars (3 have been held).
- Host at least 23 virtual distinguished lectures (4 held, a further 24 are current scheduled).
- Grow the number of videos on ILN from 96 (October '22) to 150 videos by the end of 2023.
- Run an advertising campaign to increase awareness and usage.

## Status:

- Boot camp is being planned for the Fusion Conference. Boot camps are being held at RadarConf '23, International Radar Conference, hopefully Glue Tech. I reach out to technical panels about new events without success.
- New set of distinguished lecturers for 2023 – 2024 term, 38 lecturers and more than 100 lectures on offer. It was necessary for all DLs to apply. A set of guidelines to improve consistency has been created, including basic activity requirements. Support for online distinguished lectures is mandatory for renewal.
- Radar challenge event being held as part of RadarConf.
- YP receptions being held at RadarConf '23 and Fusion '23.

## 2023 Goals

- Convince a different AESS conference to run a summer school (boot camp) and support its organization.
- Organize lecture series and support the DSTEI initiative.
- Increase the number of in-person DLs (goal 30).

## Status:

- Robert T. Hill Best Dissertation Award had eight applicants. Quality was very high. Winner was Leonardo Millefiori from CMRE. Judging performed by the entire committee within three month time period.
- Engineering Scholarship has 16 applicants. Number of applicants significantly increased. Deadline was extended from 1<sup>st</sup> December to 31<sup>st</sup> January. No decision yet.
- YP Travel Grants are being offered for RadarConf '23, Fusion and AutotestCon.
  - RadarConf: 23 applicants and three recipients. Multiple recipients could not accept the award.
  - Fusion: 10 applicants .
  - AutotestCon: currently 7 applicants, applications close 26<sup>th</sup> June.
- Three recipients of the Michael Wicks Award for RadarConf '23.

## 2023 Goals:

- Send 9 AESS YPs to AESS conferences.
- Reduce the scholarship decision time to three months.

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  - Grow the number of videos on ILN from 96 (October '22) to 150 videos by the end of 2023.
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2. Facilitate the organization of in-person educational events within the society  
Boot camps, DL program
  - Convince a different AESS conference to run a summer school (boot camp) and support its organization.
  - Organize lecture series and support the DSTEI initiative.
  - Increase the number of in-person DLs (goal 30).
3. Aid members in accessing educational resources  
Eng scholar, YP travel grants, ILN, MWA, Boot camps/summer schools
  - Send 9 AESS YPs to AESS conferences.
  - Reduce the scholarship decision time to three months.