Education Committee

Yonina Eldar  Fredrik Gustafsson  Lance Kaplan

Michael Wicks  Jason Williams  Lorenzo Lo Monte
The Resource Center is now an IEEE-wide activity, where many society are heavily investing.

AESS started the lead, but we need to add more useful information.
Resource Center: What can we add?

- conference presentation videos
- conference presentation slides
- tutorials
- webinars
- short courses
- keynote presentations
- technical panel sessions
- interviews
- Distinguished Lectures
- Technical Data
New Tutorials!!

- Lance Kaplan took the lead for “Fusion 2018”
- Jason Williams took the lead for “International Radar Conference 2018”
- The EdCom will identify “leaders” for upcoming conferences
Process to Standardize Tutorial Recording

1. Create **Conference Catalyst** Recording Capability
2. Offer Recording Option to AESS Conferences, Tutorials and DL
3. Increase Number of Offerings in the Resource Center
Free Datasets for the Radar Resource Center

- MIT Offered Datasets to be uploaded to the Resource Center
  - Thanks to Eric Evans and the Radar Systems Panel
  - More commitments working out
Distinguished Lecturer Program

- Overall, 17 Distinguished Lecturers
  - By 6 Distinguished Lecturers...
- In line with last year
  - If we exclude double dipping
- Website and Paperwork Revamp accomplished
  - Next steps are...

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Distinguished Lecture Program Plan

- Inform Organizers of their “duties”
  - In particular, vTools reporting (email will come)

- Inform Distinguished Lecturers of their “duties”
  - In particular, transition to Concur (email will come)

- EdCom plans to contact individually all AESS chapters, suggesting them to organize at least 1 DL
Distinguished Lectures and Tutorial Recognition

Continuing Education Unit (CEU) - Meets our strict CEU guidelines
In order for a participant to receive a CEU certificate, the course must consist of:

- **Assessment**: case study, class assignment, class quiz/test or facilitated questions and answers
- **Instructional Method**: lecture, class discussion, panel discussion, problem solving
- **Feedback**: evaluation form

Professional Development Hour (PDH) - meets our comprehensive PDH guidelines
In order for a participant to receive a PDH certificate, the course must consist of:

- **Feedback**: evaluation form
  - can be offered by watching a webinar, site tour, research, etc.
Distinguished Lectures and Tutorial Recognition

The EdCom proposes to offer:
- As an option, PDH for DLs
- As an option, PDH/CEU for Short Courses
- Mandatory, PDU/CEU for Tutorials

For all AESS Educational Activities
Robert T Hill Award

- Four Nominations in 2018
  - Credits to Kathleen Kramer
- 2018 Winner is Patrick McCormick
  - Mentioned in QEB and AESS Magazine

- EdCom plans to send scheduled reminders through all available IEEE channels (email, social media, QEB, magazine, brochures). Deadline is Oct 31
Initiative: Foster the Radar Summer School

- The RSP (Alex Charlish) has transformed this initiative into a success, and the AESS EdCom wants to be fully behind it
  - Make Radar Summer School “Standard”
- Standardize MIT Built-your-own-Radar
  - Possible Short Course
- Support / Fund 2020 Radar Challenges
Initiative: Create a MOOC through the IEEE Learning Network

- RSP (Stralka/Charlish) is leading this effort
- IEEE rate = $10k / hour of content developed
  - discount for multi-hour programs
- Hosting is $4/person in blocks of 250 people
- Material could be:
  - Bob O’Donnel (MIT)
  - Radar Summer School
  - Short Course
Initiative: Support Young Professionals

- Young Professionals In Space (Nov 4-9)
  - $1,500 support for hands-on activities

- IEEE Rising Stars
  - Next Year