Education

AESS Board of Governors Meeting

May 12-13
Seattle, WA

Kathleen A. Kramer
VP Education, AESS
Objectives

What are our long term strategic objectives?
1. Distinguished Lecturer Program will strengthen AESS with better reach of YP audience, to more chapters, and with increasing alignment with technical interests.
2. Tutorials will be more useful, changing who we reach and how we reach them.
3. Increase Education activities’ interaction with and for those underrepresented in our membership.

How these objectives help to grow the AESS...
- Educational programs, along with publications and conferences, are a key element of the society’s interaction with its members.
- Educational programs benefit members locally, increase visibility and reputation where the program is delivered, and give local potential members a reason to join.
- Educational programs further interest and knowledge in the technical areas AESS exists to advance.

Growth can mean increasing membership, but also could mean increasing revenue, influence and impact, or recognition.
Initiatives

What are our short term (1-2 year) initiatives?

1) Improve existing DL program and services
   - Increase DL activity, reporting, expectations
   - Utilize improved geographic and technical distribution.
   - Update DL materials annually to improve promotion of AESS and access to Educational programs.
   - Increase DLs for chapters, YP, and WIE
   - Expand tutorial offerings AND through means other than online - conferences and publications

2) Programs and Support for YP/Student Members
   - Mentoring Program
   - Robert T. Hill Dissertation Award
   - Working with a for YP/Student on projects - YP rep is a DL, YP in SPACE, IEEE-HKN, WIE
   - DL for IEEE Rising Stars
   - Radar Panel YP Summer School Project
   - Fundamentals Tutorials
Initiatives

What are our short term (1-2 year) initiatives?

3) Increase Awareness and Opportunity for Educational Programs
   - Open call for nominations for new DLs for 2017-18 got big response and resulted in larger, more technically diverse, pool.
   - Mentoring efforts involving large based of volunteers
   - “Chapter’s First DL” program to encourage chapter participation
   - Regular support and coverage in Systems Magazine
   - QEBs highlighting DL/Tutorials in each issue
   - Targeting conferences to promote to YP/students
Distinguished Lecturers 2016

88 (reported) – up 20%
Distinguished Lectures –
Technical Panel Alignment 2017

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**Gap analysis table is by Walt Downing**

Thanks to subcommittee (Griffiths, Davis, Weinstein)
Highlights – Supporting YP and Students

- Mentoring initiative (Fabrizio) – at 2017 Radar Conference
  - 8 pairs. Many interested.

- 2nd Robert T. Hill Dissertation Award Presented on May 10
  - Dr. Shunqiao Sun
  - Thanks to effective committee – Koch, Wicks
  - 2017 Call for Nominations in Systems Mag and at multiple conferences

- Other YP initiatives/events
  - Education-YP Partnership
Highlights – Supporting YP and Students

- Summer School pre-2017 Radar Conference –
  - 43 attended (45 registered) -- these were *primarily YP-students* (70% PhD students)
  - YP networking event followed
  - 17-page report received from Mike Picciolo.
  - Broad participation and support by “AESS stars”
Assessment

- Educational activities are of significant interest to our members, particularly our technical and society leadership.
- Programs intended to support students get resources and leadership DL program and others are typically extraordinarily efficient, with many no/low cost programs given.
- Effort in Education and reach across areas. AESS does not have a large student base of recipients, but Summer School was particularly successful in reaching students.
- Larger share of support for a chapter’s first DL of the year has opportunity to be helpful to better achieve goals of the program.
- Resource Center intended to serve across areas but costs started Jan 1 – No benefits yet.