Objectives

What are our long term strategic objectives?
1. Distinguished Lecturer Program will strengthen AESS with increasing alignment with technical interests, underserved groups (YP and geographic), and help for chapters.
2. Tutorials will be more useful, we are working to increase their audience and their usefulness via the Resource Center.
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.

EDUCATION has an overall strategy of active collaboration across all major AESS areas of activity. EDUCATION activities are better because of each VP/officer and Education promotes their success.
What are our short term (1-2 year) initiatives?

1) Improve existing DL program and services
   - Increase DL activity, reporting, expectations
   - Improved geographic and technical distribution.
   - Update DL materials annually to improve promotion of AESS and access to Educational programs- need another update for the Mentoring Program.
   - Increase DLs service for chapters, YP, and WIE
   - Expand tutorial usefulness via the Resource Center

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-SPACE, IEEE-HKN, WIE-ILS, DL for IEEE Rising Stars
   - Radar Panel YP Summer School Project at Radar 2017 - May I fund it for 2018?
   - Fundamentals Tutorials
What are our short term (1-2 year) initiatives?

3) Increase Awareness and Opportunity for Educational Programs

- Larger, more diverse (technically, geographically, other) pool.
- Resource Center
- Mentoring Program – major effort led by Mentoring Committee (led by Joe Fabrizio) involving large based of volunteers
- “Chapter’s First DL” program to encourage chapter participation
  - Moscow, Colombia, Central Coast (CA), Alaska
- Regular support and coverage in Systems Magazine
- QEBs highlighting Education offerings in each issue
- Targeting conferences to promote to YP/students and WIE
Distinguished Lecturers 2016

88 (reported) – up 20%

DLs by Region

- 2015
- 2016
### Distinguished Lectures – Technical Panel Alignment 2017

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**Gap analysis table is by Walt Downing**

Thanks to subcommittee (Griffiths, Davis, Weinstein)
Highlights

- **DLs**
  - Major increase in accessibility of DLs, along with increases that addressed gaps in technical interest and geography.
  - Collaborations across activities and initiatives.

- **Resource Center (Blair lead)**
  - Transformation of approach to tutorials
  - Wide support from lecturers, including quizzes for use in getting certificates,
  - New material coming

- **Mentoring initiative (Fabrizio lead)**
  - 2017 Radar Conference
  - Chapter promotion
  - DL promotion

- **Robert T. Hill Dissertation**
  - Major success: Received 4 well qualified nominations for 2017 by the first (and only) August 15 deadline. (cheering is appropriate)
  - 2016 Award to Dr. Shunqiao Sun at Radar 2017 and its subsequent publicity was significant boost. (Thanks very much to Koch, Wicks, Greco, and all our VIPs at Radar 2017)
Assessment

- Educational activities are of significant interest to our members, particularly our technical and society leadership.
- Every initiative involves more support— to at least some degree, such as for announcements, online resources and tools, applications, reporting...
- Resource Center intended to serve across areas – so much accomplished in a short time
- DL program is typically extraordinarily efficient, with many (vast majority) no/low cost DLs given. Larger share of support for a chapter’s first DL of the year is helpful to better achieve goals of the program.
- Programs intended to support students get resources and leadership effort in Education and across areas but we do not have a large student base of recipients.
- Scholarships effort needs more progress.