

AESS Technical Operations Report to the Board of Governors September 28th & 29th, 2008 in Fort Lauderdale, Florida

1. Budget

Expenses to date for Technical Operations remain within budget. The travel expense reports received to date for the Distinguished Lecturers Program are \$4,563 for seven (7) delivered lectures with a further potential obligation of \$7,500 for five (5) additional planned lecture/tutorial tours in FY08. Some Distinguished Lecturers are able to share a significant amount of their travel expenses for lectures with IEEE Sections, etc. reducing the cost to the AESS DL budget. The total cost for the FY08 DL Program is projected to be approximately \$12,000, significantly below the budget allowance of \$20,000.

2. Technical Panel Reports

Attachment 1 summarizes the present status of the technical panels.

We reached a milestone since the last BOG meeting with the addition of the Aerospace Control & Guidance Systems (ACGS) Technical Panel.

Thanks to John Weyrauch for aiding us in acquiring this very active technical panel.

We now have Six (6) active technical panels:

1. The Gyro and Accelerometer Panel (GAP) is active under the leadership of Randy Curey. Refer to Attachment 1.B for Randy's report.
2. The Large Scale Systems Engineering Panel is active under the leadership of Paul Gartz. Refer to Attachment 1.A for Paul's report.
3. The Space Systems Panel is active under the leadership of Marina Ruggieri. Refer to Attachment 1.D for Marina's report.
4. The Radar Systems Panel is active under the leadership of Hugh Griffiths. Refer to Attachment 1.E for Hugh's report.
5. The Target Tracking Systems panel is active under the leadership of Dale Blair.
6. The Aerospace Control & Guidance Systems (ACGS) Panel is active under the leadership of David Bodden. Refer to Attachment 1.C for Dave's report.

The Charters for Five (5) of the Technical Panels are now posted on the AESS Website.

3. Distinguished Lecturers Program

The activity of the Distinguished Lecturers program for the years 1999 through the present year 2008 is summarized in Attachment 2. The latter 6-month period for 1998 is also shown.

The average number of lectures per year over the earlier 1999 through 2004 time frame has been approximately eight (8) with a peak of 12 in 2001 and a low of six (6) in 1999.

A significantly greater number of 15 lectures were given in 2005 as some lecturers provided a number of talks during trips that included several locations.

For the years 2006, ten (10) lectures were formally delivered. An additional two lectures were given in Missouri on an ad hoc basis for a total of twelve (12) for 2006.

For the year 2007, twelve (12) lectures were given.

For 2008 seven (7) lecture have been given with five (5) additional lecture/tutorial tours in process for a potential total of twelve (12) for the year. There actually may be more lectures as one tour will likely include multiple lecture stops.

Refer to Attachment 2 for all details on the Distinguished Lecturers Program.

4. Bob Lyons

Bob Lyons will be assuming responsibilities of the VP, Technical Operations beginning in 2009. Congratulations to Bob in this new endeavor.

Respectfully submitted,



Dr. Jim Huddle

Vice President - Technical Operations