

Technical Operations Report

AESS Board of Governors Meeting

Fort Lauderdale

September 28th & 29th, 2008

Highlights

- **Technical Operations are well within budget**
 - **Submitted DL Travel Expenses to Date = \$4563 for 7 Lectures**
 - **DL's Obtain Shared Funding of Costs from Other Sources**
 - **FY08 DL Program Forecasted Costs to be ~ \$12,000 < \$20,000**
 - **Five (5) Lecture/Tutorial Tours are in process for a total of 12 in FY08**
 - **More Lectures likely due to Multiple Lecture Stops per Tour**
- **Currently the AESS has Six (6) Active Technical Panels**
 - **Aerospace Control & Guidance Systems (ACGS) has been added since the last BOG Meeting**
 - **Thanks to John Weyrauch for help in achieving this Milestone**
 - **ACGS is very active – See the ACGS Report (Attachment 1.C)**
 - **Reports from Five (5) Technical Panels are in the Attachments**
 - **Charters for Five (5) Technical Panels are posted on the Website**

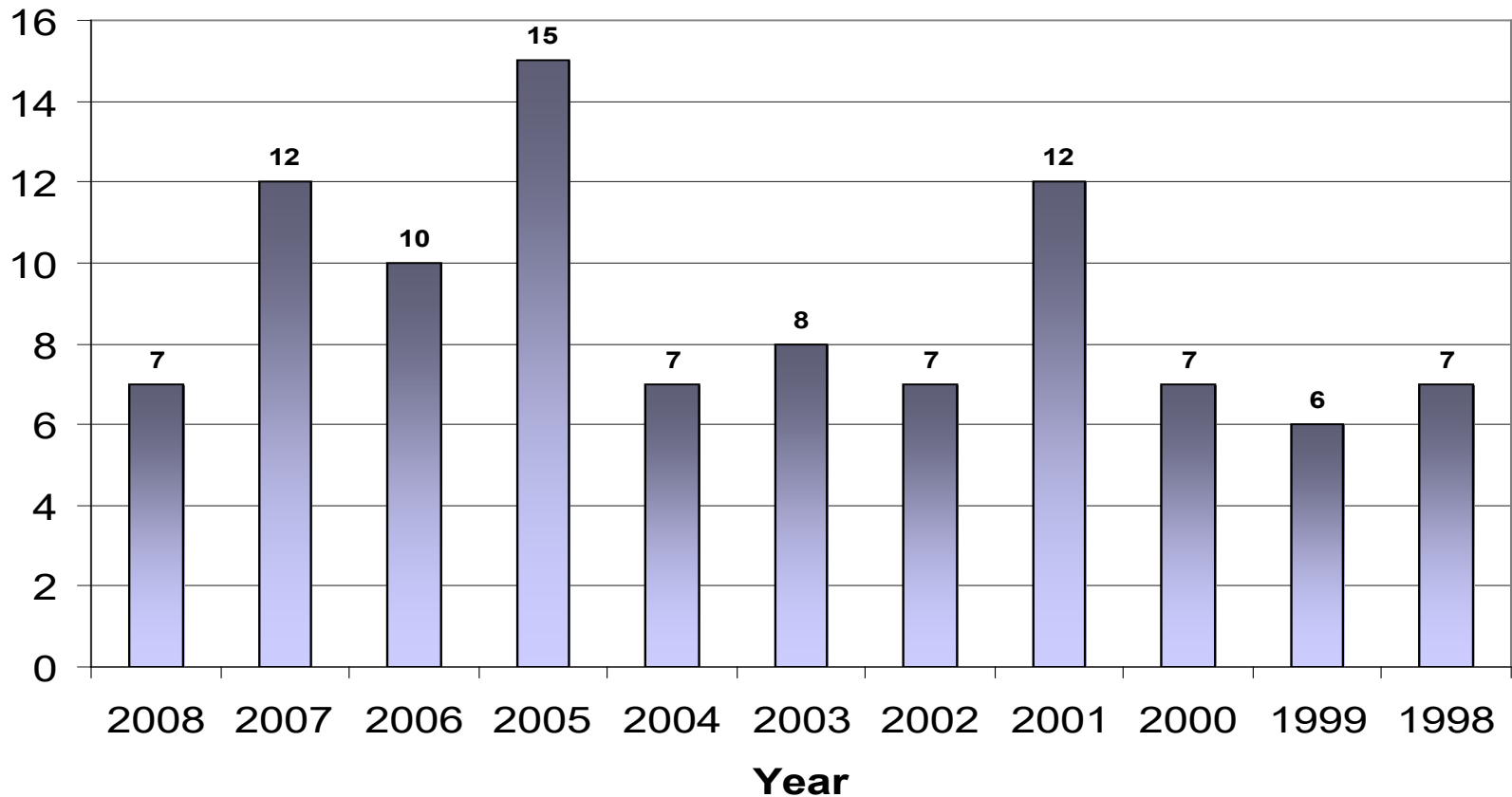
Technical Panel Chairs [1]

Attachment 1

Panel	Chair	E-Mail Telephone	Status	Remarks
Gyro & Accelerometer	Randall Curey	Randall.Curey@NGC.com 818-712-7131	Active	Attachment 1.B
Radar Systems	Hugh Griffiths	hgriffiths.cu@defenceacademy.mod.uk +44 - (0) - 1793 - 782551	Active	Attachment 1.E
Space Systems	Marina Ruggieri	Ruggieri@uniroma2.it +39-06-7259-7451	Active	Attachment 1.D
Target Tracking Systems	Dale Blair	dale.blair@gtri.gatech.edu 770-528-7934	Active	
Large Scale Systems Engineering	Paul Gartz	paul.e.gartz@boeing.com 206-954-9616	Active	Attachment 1.A
Aerospace Control & Guidance Systems	Dave Bodden	david.s.bodden@lmco.com 817-935-4700	Active	Attachment 1.C

Distinguished Lectures History – Attachment 2

7 Lectures Delivered So Far in 2008
5 Lecture/Tutorial Tours in Process
Potential Total of 12 or More for FY08



Distinguished Lectures Delivered to Date in FY08

81	Atlanta Chapter	02/07/08	\$0
82	Portland Student Chapter	04/21/08	\$0
83	AESS Richland, Washington Chapter	04/23/08	\$433
84	AESS Turkey Chapter	04/21/08	\$1,747
85	IEEE Grand Rapids Section	05/12/08	\$566
86	Buenaventura Chapter	05/19/08	\$971
87	Buenaventura Chapter	08/19/08	\$847
	Current Total for 2008	7	\$4,563

Lectures in Process

Lecturer	Lecture	Location and Tentative Time	Allowed Expense
Hugh Griffiths	Bistatic & Multistatic Radar		
Hugh Griffiths	Synthetic Aperture Radar		
Bob Hill	Advances in Radar		
Pramod Varshney	Multi-Sensor Data Fusion		
Myron Kayton	Navigation – Land, Sea, Air	Eastern Canada - Multiple Stops October, November 2008	\$2,000
Myron Kayton	Evolution of Aircraft Avionics		
Myron Kayton	Manned Space Avionics	Binghamton, NY IEEE Section November, 2008	\$1,000
Myron Kayton	Practicioners View of System Engineering		
Myron Kayton	Backside Lunar Observatories	AESS Puget Sound Chapter October 1st, 2008	\$1,000
Eli Brookner	Radar – Past, Present, Future		
Saj Durrani	Satellite Communication Systems	Tutorial at ICAST in Islamabad November 28th & 29th, 2008	\$2,500
Paul Gartz	System Engineering & Systems of Systems for the 21 st Century		
Yaakov Bar-Shalom	Target Tracking		
Larry Chasteen	National Missile Defense and Early Warning Radars	St. Louis Chapter November 5th, 2008	\$1,000
George Schmidt	Trends in INertial & GPS Technology		
Daniele Mortari	Novel Satellite Orbits & Constellations		
Kimio Kanai	Active Control of Cars & Aircraft		
Surendra Paul	Satellite Navigation (GNSS)		
	Total	5	\$7,500