



Education Issues BoG Meeting September 9, 2011

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Topics

- **Distinguished Lectures**
 - 2011 Status
 - Recent South America experience
 - Looking for new candidates
- **Video Tutorials**
 - Making progress

DL Activity in 2011

DL	Location	Subject	Date	Expense	AESS	Local Contribution
George Schmidt	Quebec City, Canada	INS and GPS Trends	Feb-11	\$807.99	\$404.00	\$404.00
Larry Chasteen	Indiana Section	Missile Defense	Mar-11	\$647.83	\$323.92	\$323.92
Larry Chasteen	Univ. of Missouri	Missile Defense	Mar-11	\$351.65	\$351.65	Student chapter - I agreed to 100%
Surendra Pal	Singapore	Multiple	Mar-11	\$1,971.63	\$1,971.63	Local expenses paid by Singapore
Surendra Pal	South Africa	Multiple	Apr-11	\$3,400.00	\$1,700.00	\$1,700.00
George Schmidt	Providence	INS and GPS Trends	Apr-11	\$0.00	\$0.00	Arranged with Section - local
George Schmidt	Bhopal, India	INS and GPS Trends	Apr-11	\$0.00	\$0.00	Video Conference
Saj Durrani	Lima, Peru	Satellite Comm Systems	Aug-11	\$117.78	\$117.78	Organizers paid airfare and local expenses
Paul Gartz	Lima, Peru	Systems of Systems	Aug-11	\$3,500.00	-	Joint with Durrani*
Paul Gartz	Sao Paolo, Rio, Brazil	Systems of Systems	Aug-11	included		
Eli Brookner	Beijing/Xian/Chengdu, China	Radar and Phased Arrays	Oct-11	\$2,500.00	-	Local Airfares, board and lodging ~\$2000
Mark Davis	Xidian/Chengdu, China	Foliage Penetration	Oct-11	\$1,400.00		Local Airfares, board and lodging ~\$2000
Hugh Griffiths	Chendu, China	Bistatic Radar	Oct-11	?		
Eli Brookner	Manchester, Englad	Radar and Phased Arrays	Oct-11	\$800.00		
Paul Gartz	Guadalajara, Mexico	Systems of Systems	Dec-11	?		
				AESS Expense	\$15,496.88	
				To Collect	\$2,427.91	
*Durrani and Gartz lectures in Peru were at Intercon 2011 and National University of Engineering						
Estimates						

- **Note: Mostly DLs from North America**
- **As an international organization, we should try to develop speakers from other regions, particularly Asia**

DL Funding Issues

- **Our current policy is to require host organizations to pay 50% of all DL-related expenses**
 - In many cases, we have worked out arrangements where hosts cover in-country expenses, approximating 50%
 - In others, we have agreement that host will reimburse AESS for 50% of expense report
 - I am working with Jose Bolanos to collect these amounts
 - So far, it has proved to be a clumsy arrangement
 - But everyone has good intentions, so it will work out
 - In the future, I will try to work the first arrangement preferentially

Topics from Chapters' Summit

- **On the DL page, group the speakers by region**
 - Encourage inviting local speakers
 - Implies soliciting more speakers from regions
- **Announce scheduled DLs so that other chapters, student groups, can ask for lectures as well**
- **Use of Video**
 - Continue to develop the Virtual DL concept
 - Show a web-based video tutorial at a meeting followed by an online Q&A with the author
 - Ask DLs and conference tutorial speakers to prepare online versions of their tutorials

Web-based Tutorials

- **Added one tutorial this year**
 - **Introduction to Stealth**
 - **This tutorial covers a broad range of issues related to the application of signature reduction, both active and passive, to improved mission survivability. Stealth for surface and airborne platforms is addressed.**
 - **Author: David Lynch, Life Fellow IEEE, Hyland Fellow, Life Member Sigma Xi, an elected Stealth Pioneer, and an AIAA Senior Member. Author of Introduction to RF and Radar Handbook, Chapter 5, 3rd ed.**
- **Will pursue suggestions from Chapter Summit**
 - **Tentative arrangement with George Schmidt to turn his DL lecture into a video**
 - **Also for him to do a Virtual DL to Greece Chapter**