



Education Issues BoG Meeting September, 2012

Iram Weinstein
VP, Education

Topics

- **Distinguished Lectures**
 - **Recent Activity**
 - **Progress on new DLs**
 - **New Candidates**
 - **Current DLs Participation**
- **Online Tutorials**
 - **Current List and Potential Additions**
 - **Limited Utilization**
 - **Where to next?**

2012 Distinguished Lecture Activity

DL	Location	Subject	Date	Expense
Mark Davis	Atlanta, GA	Foliage Penetration Radar	30-Jan	\$1,021.57
Fred Daum	Dallas, TX	MIMO Radar	27-Mar	\$1,311.13
Dick Curry	Atlanta, GA	Radar Systems	5-Apr	\$744.95
Fred Daum	St. Louis, MO	Nonlinear Filters and Particle Flow	9-Apr	\$721.49
Theo Saunders	New Haven, CT	Systems Engineering	17-Apr	\$0.00
Paul Gartz	Houston	Systems of Systems	27-Apr	\$900.00
Mark Davis	South Africa	Foliage Penetration Radar	12-May	\$1,997.21
Fred Daum	Orlando, FL	Particle Filters	24-May	\$739.36
Michael Ellis	Dallas, TX	The underside of the COTS Iceberg	5-Jun	\$754.03
Saj Durrani	Peru	Satellite Communications	7-Aug	\$0.00
Larry Chasteen	Australia	National Missile Defense	19-22 Nov.	\$2,500.00
Paul Gartz	Turkey	Systems of Systems	Unlikely	\$3,000.00
			Submitted Total	\$7,289.74
			Unconfirmed Total	\$6,400.00
			Total	\$13,689.74

12 DLs, multiple in South Africa and Australia, 8 speakers, all from US

Current DLs Participation

Name	2008	2009	2010	2011	2012	2010-2012	
Yaakov Bar-Shalom	1	↑ Incomplete Records ↓				0	
James Farrell							0
Scott Goldstein							0
Daniele Mortari			1				0
Mike Picciolo							0
Dick Curry						1	1
Michael Ellis						1	1
Hugh Griffiths					1		1
Myron Kayton	5			1			1
Theodora Saunders						1	1
Pramod Varshney	2			1			1
Surendra Pal					2		2
Eli Brookner				1	2		3
Mark Davis					1	2	3
Paul Gartz			2	2		1	3
Larry Chasteen	2			1	2	1	4
Fred Daum			1		3	4	
Saj Durrani	1	1		3	1	4	
George Schmidt		1	2	4		6	
Total	11	16	9	15	11	35	

In 2012, 8 were active; 14 gave at least one since 2010

Progress on new DLs

- **After April meeting, I solicited suggestions for new DLs**
 - *“AESS is reaching out to recruit leading figures worldwide in our domain who can address additional topics of current interest to our members. So I am asking you to help identify potential candidates.”*
 - **Three year renewable term for DLs**
 - **Sent to all Chapter Chairs, Panel Chairs and current DLs**
 - **With Procedures for Application to be an AESS Distinguished Lecturer**
 - **Asked current DLS to agree to these procedures if they wished to continue**
 - **All (19) replied affirmatively**
 - **Received 10 new candidate nominations**
 - **6 USA, 2 Canada, 1 Israel, 1 Tunisia**
 - **I was hoping for more candidates outside North America**
 - **More on next chart**

DL Candidates

Name	Country	Topic
Hassan Kojori	Canada	More Electric Aircraft; Arc Fault Detection and Protection
Tony Ponsford	Canada	Maritime Domain Awareness
Adel Alimi	Tunisia	Computational Intelligence: Paradigms and Applications to Systems Control
Maruthi Akella	USA	The Mostly Bad but Occasionally Good about Time-Delay in Nonlinear Feedback Control Systems; others
Erik Blaisch	USA	Information Fusion, Image Fusion
Vincent Lalli	USA	RAMS: Failure Analysis, Software Analysis, Supportability, etc.
Russell Lefevre	USA	Transportation Electrification
Roy Streit	USA	Taking the Mystery Out of PHD/Intensity Multitarget Tracking Filters—Exploring Their Connections to Medical Imaging and Current Trends
Zafar Taqvi	USA	Do you want to be a leader or a manager?; Robotics and Automation; Others
James Taylor	USA	Ultrawideband Radar Systems

- **A very good list, but concentrated on North America. We need “to recruit leading figures worldwide”**
- **The response from the Chapters was minimal; Panel response only from Control Systems**
- **Additional nominations from BoG could help this**

Recommend forming a BoG evaluation committee

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Online Tutorial Speakers and Subjects

- **Online Now**
 - **Bistatic & Multistatic Radar – Hugh Griffiths**
 - **GPS/GNSS + Inertial Navigation – James Farrell**
 - **Radar System Performance Modeling – Dick Curry**
 - **Sea Clutter - Simon Watts & Keith Ward**
 - **Fundamental Concepts in Radar Signal Processing - Mark Richards**
 - **Introduction to Stealth – Dave Lynch**
- **Note the concentration on Radar Topics**
- **Under Discussion**
 - **Foliage Penetration – Mark Davis**
 - **Inertial System and GPS Technology Trends – George Schmidt**
 - **Introduction to Image Fusion – Erik Blasch**

Analysis of Visitors to Tutorials

5 months: Apr 1, 2012 Sep 4, 2012

~2700
/mo

Metric	Main	EVTS
Visits	13361	470
Unique Visitors	9320	403
New Visitor	65.3%	84.3%
Returning Visitor	34.7%	15.7%
Page views	36716	1604
Pages / Visit	2.75	3.41
Avg. Visit Duration	2:34	2:44
Bounce Rate	55.4%	45.1%

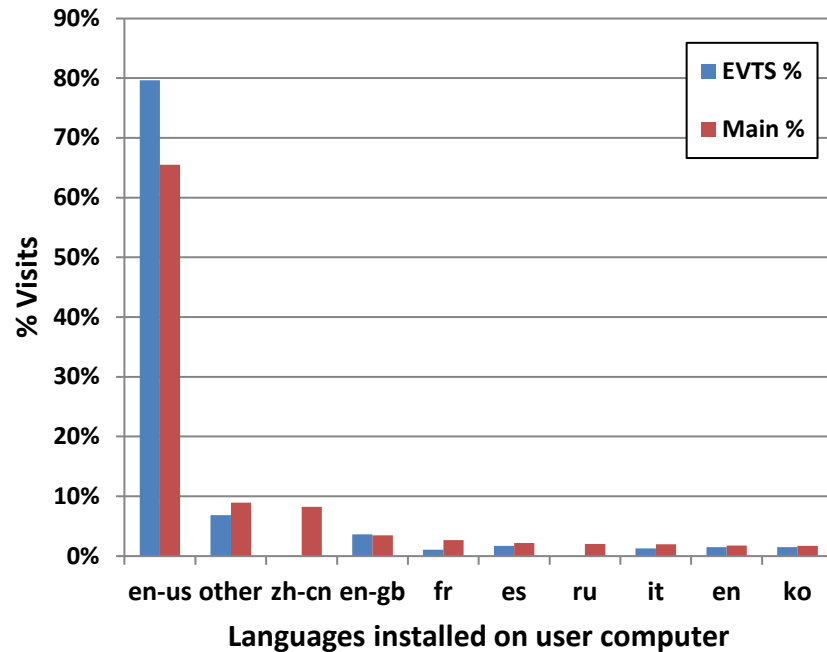
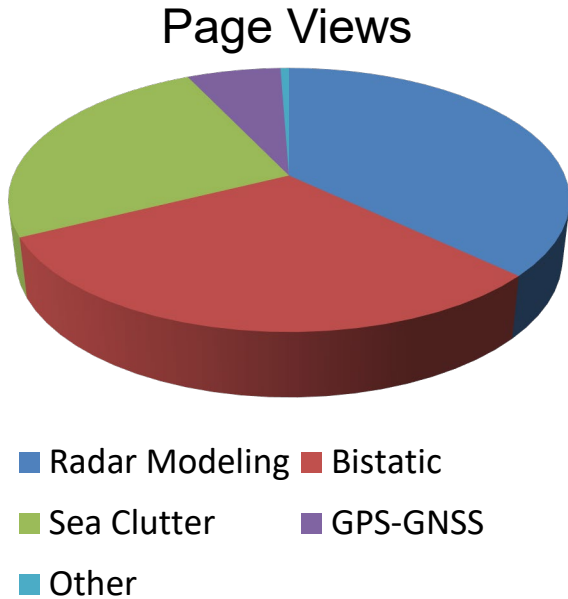
Only 67
repeat
visits

Half take a
quick peak
and leave

- Why so few visitors?
- What can we do about it?
- Can we get feedback from members/chapters?
- I got essentially nothing from email query to chapters about DLs
- Is there a better way?

Source: Google Analytics Apr 1, 2012 Sep 4, 2012

Additional Insights about Visitors



Not sure what this means to us