



Education Issues Officers' Meeting April 14, 2011

**Iram Weinstein
VP, Education**

Outline

- **Distinguished Lectures and Tutorials**
 - Funding Issues
 - Virtual DL
- **Video Tutorials and eLearning Library**
 - New Tutorials
 - eLearning Library

Distinguished Lecture Issues

The AES Society will pay reasonable speaker's expenses for economy-class travel, lodging and meals. As a general guideline, speaker's expenses involving travel wholly within North America or within the European Union will be covered up to \$1,000. Expenses involving extensive international travel will be covered up to **\$2,000**.

The Society encourages arrangements whereby more than one lecture is presented in a single trip, and costs in such situations will be considered on a case by case basis. The inviting organization is expected to cover 50% of the speaker's expenses.

- **In some cases, I have accepted agreements where the hosts pay all in-country expenses, and AESS pays international travel. This approximates a 50/50 split.**
- **Where I have agreement from the hosts to pay 50% of expenses, we have paid all expenses in the interest of getting the DL paid promptly**
- **See next slide**

Recent DL Expenses

DL	Location	Subject	Date	Expense	AESS	To Collect
Fred Daum	Israel	Nonlinear Filters	Oct-10	\$2,210.69	\$1,105.35	\$1,105.35
George Schmidt	India	INS and GPS Trends	Oct-10	\$2,894.85	\$2,894.85	India Section paid in-country expenses
Pramod Varshney	Galveston Bay Section	Multi-Sensor Data Fusion	Oct-10	\$1,073.50	\$536.75	\$536.75
Paul Gartz	India	System of Systems	Dec-10	\$3,395.65	\$3,395.65	India Section paid in-country expenses
Myron Kayton	Puebla, Mexico	Avionics	Dec-10	\$1,107.25	\$553.63	\$553.63
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
				\$13,237.41	\$4,623.63 to collect	

- **The \$2000 limit for extensive international trips is too low. I have interpreted the phrase “case by case basis” in the second paragraph as leeway.**
- **Now need to seek reimbursement from the host.**
 - The procedure is undefined.
 - I see it as function of the AESS treasurer

Virtual DL

- **We have scheduled a virtual DL by video conference for April 15 7:30 AM EDT**
 - **MANIT, Bhopal India, mostly an undergraduate audience**
 - **Cost is negligible, but time difference is an issue**
 - **A way of encouraging engineering education**



Video Tutorials Status

- **We now have five tutorials on our EVTS site**
 - **Recent addition posted**
 - **Fundamental Concepts in Radar Signal Processing**
 - **Dr. Mark Richards**
 - **Draft in hand**
 - **Introduction to Stealth Technology**
 - **Dr. David Lynch**
- **Activity is still low based on hit information**
 - **Our site is not high on the Google Search listing**
- **Still need to develop leads outside of the Radar community**
- **We should consider moving our tutorials to the IEEE eLearning Library**
 - **I have had preliminary discussions with EAB staff on this**

IEEE eLearning Library Product Definition

- Learning modules developed by leading experts recognized in their fields
- Dynamic interface with audio, animation, engaging graphics, assessment, glossary, and references
- Optional CEUs for maintaining professional licensure
- Annual subscription to full library through LMS or IEEE Xplore
 - Corporations, Government Organizations, Academic Institutions
- IEEE Members and non-members can purchase single modules via IEEE Xplore

Services Available for IEEE Organizations*

IEEE Online Education Portal

- Web portal for use by any IEEE organization
- Host any type of educational content
- Full features of the eLearning Library Learning Management System
- Integrated with IEEE Xplore and IEEE Shop
- New or pending sites from Standards Association, Solid State Circuits, Signal Processing, MGA, Women in Engineering, Accreditation, Continuing Education Providers

IEEE eLearning Library 2011 Goals

- More Courses
 - “Critical Mass” bundled in key content areas
 - Add new authors/SMEs to create new content
 - Expand models for working with IEEE societies
 - Create New Product Lines (Tech English; Biometrics, etc.)
- More Features
 - Expand learner/instructor interaction
 - Create live learning events (Webinars, “office hours,” etc)
 - Create a “Next Gen” Authoring Environment
- More Customers
 - Continue expansion of institutional customer base
 - Greater emphasis on marketing to individuals
 - Transform eLearning Library into a destination Web site for continuing education for the IEEE community



eLearning Features (from last meeting)

- **The elearning tutorials take the author's PowerPoint slides and voice recording, have a text transcript made and cleaned up for grammar and then re-recorded by a professional voice-over.**
 - The reason for this process is that English is not the first language of many of the subscribers.
 - Users can download printed transcriptions and slides
 - **Cost (typically \$1000 for the transcription and ~\$5000 overall) is advanced by the eLearning center at their risk, and taken out of the first three years of revenues.**
 - Primary revenue comes from corporate subscriptions
 - Price reduced to \$8,995, which is one-third of the old price.
 - **Pricing from \$50 to \$80 for IEEE members, others 2X**
 - We can still provide tutorials free to our members
- Recommend we offer our tutorials on eLearning
 - Will require transcription of text(IEEE advances cost)