



Huntsville, AL Chapter

Chairperson: Glenn Shelby - glenn.shelby@nasa.gov
Co-Chairperson: Tom Perry - thomas.a.perry@nasa.gov
Secretary: Tim Travis - ttravis@rttc.army.mil
Treasurer: Jim Stone - jim.stone@adtran.com

Minutes of Meeting

Date: January 18, 2007

Location: Adtran training room

Attendance:

Total: 54

IEEE Members: 22

Other attendees: 32

Students: None

1. The business meeting was chaired by Glenn Shelby.
2. The refreshment sponsor, Mr. Michael Lehmann of Intertek, ETL SEMKO, welcomed everyone and informed the group of his company's background and capabilities.
3. Glenn thanked the refreshment sponsor and introduced the 2007 chapter officers to the group.
4. The following business items were discussed:
 - A. The 2007 Chapter meeting schedule was reviewed.
 - B. The following potential presentation topics were presented before the group, and others may be added prior to the 19 January cutoff.
 - a. Ferrites in the Suppression of EMI
 - b. Overview of the New EU EMC Directive
 - c. New Advancements in Shielding Materials
 - d. Demonstration of Historic EMI Test Equipment
 - e. Electromagnetic Wave Fundamentals Demo with Models and Animations
 - f. Retrofitting of Ground Plane and Fault Current Systems in the NASA X-37
 - g. Transient Protection Methods for COTS Equipment
 - h. Simplified Methodologies for EMI/EMC on CCA Assemblies
 - i. IEC 61000-4-3:2006 Edition 3: A Review of Changes to the Latest Revision and how to Select the Correct Amplifier.
 - C. A call was made for 2007 meeting refreshment sponsors.
 - a. The typical monthly meeting cost is \$400 to \$600.
 - b. Typical cost for a Distinguished Lecturer (DL) meeting meal is \$900 to \$1200.
 - c. Co-sponsorship with another organization is welcome.
 - d. Benefits to sponsoring include: concentrated forum to interact with Huntsville EMC professionals, menu selection for the meal, advertisement in chapter communications as the meal sponsor, a few minutes to talk about your organization to the group, and an avenue to distribute literature.
 - e. Currently 3 monthly meetings and 2 DL meetings are available for sponsorship.
 - f. Glenn Shelby is the contact for sponsorship information.
5. Tom Perry presented the chapter financial report. The plan for the 2007 Chapter Budget is to keep expenses at a minimum and keep a nest egg as a reserve for Huntsville EMC 2008.
6. Tom Perry mentioned to the group that he maintains a chapter database. He encouraged all those present to provide the requested information on the roster. There are 215 people listed in the database. He also stated that he and Steve Jones would be updating the brochure for the Huntsville EMC Chapter.
7. A call was made for chapter volunteers. Glenn elaborated on the benefits of chapter participation. These benefits included; development of leadership ability, improving teamwork skills, fellowship with other EMC practitioners, and seeing "the bigger picture" outside your job. He also mentioned that unlike your day job, you can't be fired. He suggested methods of how volunteers can help the chapter. At a minimum it was asked that members respond to the periodic chapter emails and that people register their preferences when being polled.
8. Glenn informed the group about the upcoming National IEEE EMC Symposium to be held in Honolulu, Hawaii in July. He mentioned all the work related benefits that are associated with the EMC Symposium such as Networking, Education and Celebration. It was also stated that Dr. Clayton Paul would be heading up the Global EMC University.
9. Woody Williams from the IEEE Section encouraged those eligible to upgrade their IEEE membership to the Senior Member Level. He also told about several up-coming events such as the Alabama Future Cities Competition held



on January 20, 2007 and the Alabama Education Technical Competition to be held in March. He encouraged people to volunteer as judges at these events.

10. Glenn closed the business meeting and welcomed Mr. Doug Parker from ADTRAN, Inc to the podium.

11. Mr. Parker delivered an excellent presentation on "PCB Layout Techniques Aimed at Minimizing RF Emissions" that generated a lot of audience interaction

At the conclusion of the talk, Glenn presented Doug a Certificate of Appreciation, and a small token of the chapter's appreciation. He then thanked Doug and the group for their attendance and the meeting was adjourned.

The above is a true record of the meeting:

Signed: _____
Chairperson

Date: _____

Signed: _____
Secretary

Date: _____