Electromagnetic Compatibility (EMC) Society

IEEE Central Texas Section

Regular Chapter Meeting February 25th, 2009 Austin, TX

- EMCS Chapter Meeting
 - Introduction
 - Officers Reports
 - Unfinished Business
 - New Business
- Technical Presentation



- EMCS Chapter Meeting
 - Introduction
 - Officers Reports
 - Unfinished Business
 - New Business
- Technical Presentation



Chapter Leadership Team

- Chair Ross Carlton
 National Instruments, ross.carlton@ni.com
- Vice Chair Mike Royer
 Foxconn, mroyer@mikeroyer.com
- Secretary/Treasurer Mark Prchlik Panashield, mark@prchlik.com



Introductions

- Name
- Company or school
- Your connection to or interest in EMC



Chapter Information

Overview

- Provides a forum for local EMC professionals to interact, network, and increase technical competency.
- Meetings generally consist of a Chapter meeting followed by a technical presentation on an EMC related topic.
- Meetings are informal and member participation and discussion is encouraged.
- Open to any interested in EMC.
- No charge for attending.



Chapter Information

Web Site

http://ewh.ieee.org/soc/emcs/chapters/centraltexas/index.html



IEEE EMC Society - Central Texas Chapter



Chapter Information

Planned Meetings for 2009

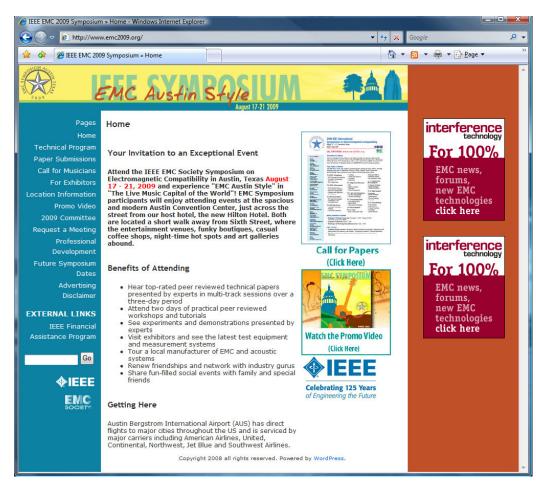
Month	Topic * EMCS Distinguished Lecturer
January	NO MEETING
February	CISPR-Average/RMS detectors and FFT scan techniques, James Young, R&S
March	Introduction to Antennas for EMC, Dr. Vince Rodriguez, ETS-Lindgren
April	Issues in Achieving Field Uniformity from 1 GHz to 6 GHz, Tom Mullineaux, Milmega
May *	The Ten Habits of Highly Successful Board Designers, Eric Bogatin, Bogatin Ent. *
June *	Engineering Aspects of Electromagnetic Shielding, Dr. Sergiu Radu, Sun *
July	EMC Regulations for ITE Products, Richard Worley, Dell
August	NO MEETING – 2009 IEEE EMC Symposium
September	Open
October	Open
November	NO MEETING
December	Christmas Party

IEEE EMC Society - Central Texas Chapter



2009 IEEE EMC Symposium

- Updates
 - Received
 - 192 papers
 - 29 workshop and tutorial proposals
 - 7 special session proposals



IEEE EMC Society - Central Texas Chapter



- EMCS Chapter Meeting
 - Introduction
 - Officers Reports
 - Unfinished Business
 - New Business
- Technical Presentation



2009 Chapter Budget

- Submitted 2009 budget last November.
- Section funding
 - The Section lost money last year.
 - Budgets this year are tight.
 - EMCS Chapter
 - Requested: \$2500
 - Received: \$800



- Saturday, January 24th in San Marcos
 - CTS Officers Reports
 - CTS Chapter Reports
 - EMCS Chapter Report
 - Chapter status
 - Chapter plans for 2009
 - Discussed need for a Chapter bank account.
 - Announced the 2009 IEEE EMC Symposium.



- Takeaways
 - Section has 4717 members and 7933 subscribers to the Analog.
 - Section Activities for 2009
 - Maker Faire (<u>www.makerfaire.com</u>)
 - Future City (<u>www.futurecity.org/</u>)
 - Engineering competition for 7th/8th grade students.
 - E-Week (<u>www.eweek.org</u>)
 - Chapter Chair luncheons (2)
 - Section Meetings (2)



Takeaways

- IEEE 125th Anniversary (www.ieee125.org)
 - Official anniversary date is May 13, 2009.
 - IEEE will sponsor a special event in Austin.
 - Coincident with the Austin Chamber of Commerce's "Austin Brain Party" scheduled for April 30th.
 - Details still being finalized.





- Takeaways
 - Teacher In-Service Program (TISP)
 - Share your technical expertise and demonstrate the application of engineering concepts to support the teaching and learning of science, mathematics and technology.
 - The IEEE web site or TryEngineering.org has more information and lesson plans.
 - Contact: Dean Schneider CTS Education Chair (d.schneider@ieee.org)



- EMCS Chapter Meeting
 - Introduction
 - Officers Reports
 - Unfinished Business
 - New Business
- Technical Presentation



Unfinished Business

- IEEE concentration banking account
 - Requested Chapter account approval from the Section.
 - Section wants to establish a history with the Chapter first.
 - Requires ongoing commitment and reporting by Chapter officers.
 - Chapter needs to determine if the need offsets the requirements



Unfinished Business

- Need MOU with Section on Symposium
 - Chapter has MOU with EMCS.
 - Need MOU with Section.
 - Identify needed Section support.
 - Define financial arrangement with Section.
 - Connected Symposium Chair with Section Conferences Chair.



- EMCS Chapter Meeting
 - Introduction
 - Officers Reports
 - Unfinished Business
 - New Business
- Technical Presentation



QUESTIONS?

COMMENTS?

OBSERVATION?



- EMCS Chapter Meeting
 - Introduction
 - Officers Reports
 - Unfinished Business
 - New Business
- Technical Presentation



See You Next Time

Wednesday, March 25, 2009

Dr. Vince Rodriguez, Senior Principal Antenna Engineer at ETS-Lindgren, will discuss antenna basics – including antenna designs, performance and usage – and considerations for EMC and antenna characterization measurements.

