

EMC Society



Central Texas Section

Chapter Meeting

September 23rd, 2009

Austin, TX

IEEE

Agenda

- Chapter Meeting
 - Introduction
 - Chapter calendar
 - Recent events
 - Future events
 - Training opportunities
- Technical Presentation

Introductions

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

Chapter Calendar

- 2009 Technical Program

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	2009 IEEE EMC Symposium, Austin, TX	
→ September	Practical Shield Evaluation using Local Transfer Impedance Values, Colin Brench, SWRI	
October	Shielding Design and Theory, Mark Oliver, MAJR Products	
November	NO MEETING	
December	Christmas Party	

Chapter Calendar

- 2009 Administrative Activities
 - September 2009
 - Solicit officer nominations
 - October 2009
 - Hold elections.
 - Solicit presentations for 2010.
 - November 2009
 - Report election results.
 - Submit 2010 budget to Section.

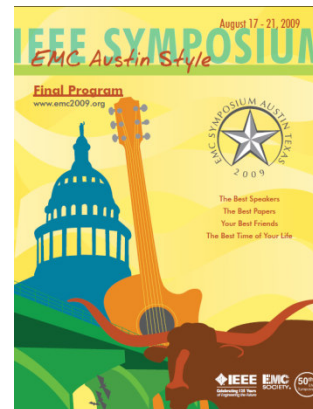
Chapter Calendar

- 2010 Plans
 - Identify ways to increase participation by members.
 - Hold/participate in a senior member upgrade event.
 - Provide more social networking opportunities.

Recent Events

IEEE EMC Symposium 17 – 21 August 2009

- Statistics
 - Attendees: 1666
 - Exhibitors: 130
 - Revenue: ~\$833,000
 - Below target by about 20%




Recent Events

CTS Planning Meeting

- Saturday, August 29th in San Marcos
 - CTS Officers Reports
 - CTS Chapter Reports
 - EMCS Chapter Report
 - Chapter overview
 - Chapter activity summary for 2009
 - Chapter plans for 2010

Recent Events

CTS Planning Meeting

- Takeaways
 - New Antennas & Propagation Society chapter formed in Austin.
 - IEEE-USA Career workshop at ITC 2009. 
 - Free with paid registration or \$25.
 - Need to report meeting activity to Section.
 - Austin Brain Party will repeat in 2010.

Future Events

- International Conference on Systems, Man & Cybernetics
 - October 11-14, 2009
 - Hyatt Riverwalk, San Antonio, TX
 - www.smc2009.org
- Austin Conference on Integrated Systems & Circuits
 - October 26-27, 2009
 - J.J. Pickle Center, Austin, TX
 - www.acisc.org

Future Events

- International Test Conference
 - November 1-6, 2009
 - Austin Conv. Center, Austin, TX
 - www.itctestweek.org
- International Instrumentation & Measurement Technology Conference
 - May 2-6, 2010
 - Hilton, Austin, TX
 - imtc.ieee-ims.org



Training Opportunities

Webinars

- Stack up design for Differential Pairs
 - By Eric Bogatin, SI Consultant
 - Watch it free online until Nov 15, after which it will be available to subscribers only.
 - The link to the webinar is on the home page <http://www.bethesignal.net>.



Training Opportunities

Webinars

- IEEE-USA
 - www.ieeeusa.org/careers/webinars
 - Why Aren't I Hired Yet?
 - October 22, 2009 at 2pm ET
 - What are HR professionals looking for in a Resume?
 - October 29, 2009 at 2pm ET



Technical Presentation

“Practical Shield Evaluation Using Local Transfer Impedance Values”

by Colin Brench, Staff Engineer, EMC Research and Testing, Southwest Research Institute

See You Next Time

Wednesday, October 21st, 2009

Michael Oliver, of MAJR Products, will discuss practical shielding theory and design fundamentals. Topics will include crosstalk, electromagnetic fields, board level shielding, and electronic enclosure shielding.