

EMC Society



Central Texas Section

Chapter Meeting

February 17, 2010

Austin, TX

IEEE

Agenda

- Chapter Meeting
 - Introduction
 - Chapter calendar
 - Section Planning Meeting
 - Current events
 - Future events
- Technical Presentation
- Wrap Up

Introductions

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

Introductions

- 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

Chapter Calendar

● 2010 Technical Program

* EMCS Distinguished Lecturer
** EMCS Respected Speaker

Month	Topic
January	Design of a Medium Power RF Absorber by Mechanical Approach, Dr. Vince Rodriguez, ETS-Lindgren
→ February *	EMC/EMI Issues in Biomedical Engineering, Dr. Ji Chen, University of Houston
March	CISPR 32/35: EMI Requirements for ITE, MME and Receivers, Richard Worley, Dell
April	IEC 61000-4-2, -4, -5, -11 Standards Revisions , Tom Revesz, HV Technologies
May **	<i>Topic TBD</i> , Elya Joffe, KTM Project Engineering (Outgoing EMCS President)
June	
July	2010 IEEE EMC Symposium, Ft. Lauderdale, FL
August	<i>Topic TBD</i> , Bob Scully, NASA
September	EMI/EMC Simulation and Modeling, David Johns, VP Engineering, CST
October *	Metamaterials for EMC Engineers, Omar Ramahi, Univ. of Waterloo
November	
December	

Chapter Calendar

- 2010 Administrative Activities
 - January
 - Install new officers
 - Receive budget from Section
 - February
 - Central-Texas Section meeting
 - March

Current Events

IEEE Cen-Tex Section Spring Meeting

http://www.ewh.ieee.org/r5/central_texas/

- Purpose
 - Meet Section and Chapter officers
 - Discuss plans and issues for 2010
- Details
 - Saturday, February 6, 2010
 - TSU, San Marcos (new location)
 - Anyone can attend

IEEE EMC Society - Central Texas Chapter



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

CTS Planning Meeting

- Saturday, February 6th in San Marcos
 - CTS Officers Reports
 - CTS Chapter Reports
 - EMCS Chapter Report
 - Chapter status
 - Chapter plans for 2010
 - Student Branch Reports
 - Congressional Fellow Presentation

CTS Planning Meeting

- Takeaways
 - New Section officers
 - Chair: Tom Grim
 - Vice-Chair – Austin: Thuy Dao
 - Vice-Chair – San Antonio: Dawn Roberson
 - Section bylaws undergoing revision
 - New A&P Chapter
 - Chair: Jeremy Pruitt (SwRI)

CTS Planning Meeting

- Takeaways
 - Section has 4808 members and 8169 subscribers to the Analog.
 - Section Activities for 2010
 - Austin Chapter Chair luncheons (4)
 - Section Meetings (2)
 - Senior Member upgrade event
 - Austin Brain Party
 - Tuesday, May 4th 2010 (at I2MTC)

CTS Planning Meeting

- 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)

CTS Planning Meeting

- Takeaways
 - Discover Engineering
 - A Central Texas program that coordinates classroom visits from local engineers.
 - During the 2008-2009 school year, volunteers visited over 13,000 students from more than 80 schools in the greater Austin area.
 - Registration for volunteers and teachers for the 2009-2010 school year is now open on the DE web site at <http://www.centexeweek.org>

Future Events

Power Engineering Society

<http://www.ewh.ieee.org/soc/pes/centraltexas/austin>

- Austin Chapter Meeting
 - Tuesday, April 27, 2010
 - 6-9:30pm
 - UT Power Plant Tour

NOTE: PES provides Continuing Education certificates to satisfy the professional development requirements of TBPE Licensure for their meetings.

Future Events

International Instrumentation & Measurement Technology Conference



- May 2-6, 2010
- Hilton, Austin, TX
- imtc.ieee-ims.org

Future Events

2010 IEEE EMC Symposium

July 25-30, 2010, Convention Center, Ft. Lauderdale, FL



- Update

- Number of regular papers submitted down slightly compared to last two years
 - Reviews in process
- Same number of special sessions (7)
- 26 workshops/tutorials proposed
- Global EMC University again this year

Technical Presentation

“EMC/EMI issues in biomedical engineering”

by Dr. Ji Chen

Associate Professor

University of Houston

Wrap-Up

See You Next Time?

Wednesday, March 24, 2010

Richard Worley will present on the new CISPR 32/35.