

# **EMC Society**

**Central Texas Section**

**Chapter Meeting**

**February 13, 2013**

**Austin, TX**



**IEEE**

# Agenda

- Chapter Meeting
  - Introduction
  - Chapter calendar
  - News
  - Volunteer opportunities
- Technical Presentation

# 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](mailto:ross.carlton@ni.com)
  - Vice Chair – Jack McFadden  
ETS-Lindgren, [jack.mcfadden@ets-lindgren.com](mailto:jack.mcfadden@ets-lindgren.com)
  - Secretary/Treasurer - Mark Prchlik  
ETS-Lindgren, [mark.prchlik@ets-lindgren.com](mailto:mark.prchlik@ets-lindgren.com)



# Chapter Calendar

- 2013 Technical Program

\* EMCS Distinguished Lecturer

Month	Topic
January	<i>EMI/RFI Shielding Alternatives in Today's Environment</i> ;Richard Allen; Plastic Metals Technologies
→ February	<i>Electromagnetic Compatibility of Multimedia Equipment: The Emission Requirements of CISPR 32:2012</i> ; Don Heirman; Don Heirman Consultants
March	No meeting.
April	TBD
May	TBD
June	<i>Topic TBD; Richard Worley; Dell (joint meeting with PSES)</i>
July	TBD
August	No meeting.
September	TBD
October	TBD
November	TBD
December	TBD

# Chapter Calendar

- 2013 Administrative Activities
  - January
    - Received Chapter budget: \$300
  - February - April
    - Chapter program planning

# News

- Local Meetings
  - Product Safety Engineering Society
    - February 19, 2013 at Dell PS4
    - Topic: ESD Basics
    - Speaker: Jim Krzmarzick, Product Safety Engineer, PTI
    - This presentation will cover basic ESD concepts and control techniques. A group discussion of ESD concerns in the Product Safety world will follow.

# News

- Local Conferences
  - Electron Devices Society MQ 2013
    - May 10, 2013 at AMD Austin Campus
    - A one-day event focused on ESD and related topics

07:30 - 8:00am	Registration
08:00 - 08:05am	Welcoming remarks - Thuy Dao
08:05 - 10:00am	Prof Liou - ESD for high voltage Silicon devices.
10:00 - 10:15am	Break
10:15 - 12:00pm	Mr. James Miller - ESD for low voltage devices.
12:00 - 01:00pm	Lunch
01:00 - 02:45pm	Mr. Ross Carlton - Product ESD testing.
02:45 - 03:00pm	Break
03:00 - 04:00pm	Prof. Zeynep - RESURF LDMOS transistors degradation
04:00 - 05:00pm	Prof. Kurinec - Phase Change Memory



# News

- Local Conferences
  - Design Automation Conference
    - June 2-6, 2013 at the Austin Convention Center
    - The Design Automation Conference (DAC) is the premier event for the design of electronic circuits and systems, and for EDA and silicon solutions. DAC features a wide array of technical presentations, as well as more than 200 of the leading electronics design suppliers.
    - <http://www.dac.com/>

# News

- Local Conferences
  - 2013 IEEE Symposium on Product Compliance Engineering (ISPCE)
    - October 7-9, 2013 at the Westin at the Domain
    - Chaired by Gary Schrempp of Dell.
    - Abstract or draft papers due by 5/21.
    - <http://www.psessymposium.org/>



# News

- 2013 IEEE EMC Symposium
  - Papers and session proposals due this month.
  - Benefits
    - 3 days of technical papers
    - 2 days of tutorials & workshops
    - Committee meetings
    - Networking events



# Volunteer Opportunities

- The Chapter has many needs, including
  - Technical Program
  - Conferences
  - Student Liaison
  - Webmaster

Please contact an officer for more information.

# Technical Presentation

## Electromagnetic Compatibility of Multimedia Equipment: The Emission Requirements of CISPR 32:2012

by Don Heirman, Don Heirman  
Consultants

# Wrap-Up

# See You Next Time!