

# EMC Society



Central Texas Section

Chapter Meeting

September 18, 2013

Austin, TX

IEEE

# Agenda

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

# Introductions

- Name
- Company or school
- Your connection to or interest in EMC
- Anything else you want us to know

# Introductions

- Chapter Leadership Team
  - Chair - Ross Carlton  
National Instruments, ross.carlton@ni.com
  - Vice Chair – Jack McFadden  
ETS-Lindgren, jack.mcfadden@ets-lindgren.com
  - Secretary/Treasurer - Mark Prchlik  
ETS-Lindgren, 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	No meeting.
May	No meeting.
June	<i>The Electromagnetic Environment; Richard Worley; Dell (joint meeting with PSES)</i>
July	No meeting.
August	No meeting.
September	EMI Debug with Near Field Probes; James Young & Jeremy Cline; Rohde&Schwarz
October *	Utilizing Reverberation Chambers as a Versatile Test Environment for Assessing the Performance of Components and Systems; Dennis Lewis; Boeing
November	TBD technical meeting
December	TBD social event



# Chapter Calendar

- 2013 Administrative Activities
  - September
    - Fall Section Planning Meeting (9/7/)
      - Presented the status of the Chapter
      - The Section received 2012 R5 awards
        - Outstanding Large Section Award
        - Outstanding Member Award - Scott Atkinson
        - Individual Member Achievement Award - Zhou Li
      - Created a committee to review Section policies regarding several Chapter issues: budgeting, financial planning, and surplus sharing.

# Chapter Calendar

- 2013 Administrative Activities
  - October
    - Solicit nominations for Chapter officer elections
    - Solicit technical presentations for 2014
  - November
    - Hold Chapter officer elections & report results
    - Submit 2014 budget to the Section

# Officer Elections

- Nominations open for officer positions
  - Chairman
  - Vice-chairman
  - Secretary/Treasurer
- Self-nominations (volunteers) accepted
- Elections to be held by November 14<sup>th</sup>
- Terms run January 1<sup>st</sup> to December 31<sup>st</sup>



# Officer Elections

- Requirements
  - Current IEEE and EMCS membership
  - Grade of Member, Senior Member or Fellow
  - You cannot have served in the position for more than a total of six years.

# Volunteer Opportunities

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

Please contact an officer for more information.

# News

- Local Meetings
  - Technology Management Council
    - September 23, 2013, noon – 1pm
    - Speaker: Leslie Martinich
    - Topic: Trade-offs and Negotiations for Engineers
    - RSVP (see EMCS website for link)
    - Lunch is provided at no charge.

# News

- Local Meetings
  - ESD Association
    - October 15, 2013 at JJ Pickle Research Campus
    - Topic: Stampede Supercomputer Tour
    - More info: <http://centxesdassoc.homestead.com/>
    - Stampede is one of the largest computing systems in the world for open science research. As an NSF petascale HPC acquisition, this system provides unprecedented computational capabilities to the national research community.

# 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.
    - <http://www.psessymposium.org/>



# News

- 2014 IEEE EMC Symposium
  - Embedded SI/PI conference
  - Final papers and session proposals due 1/20/14.
  - Benefits
    - 3 days of technical papers
    - 2 days of tutorials & workshops
    - Committee meetings
    - Networking events



# Technical Presentation

## EMI Debug with Near Field Probes

by

James Young & Jeremy Cline,  
Rohde & Schwarz

# Wrap-Up



# See You Next Time!