

EMC Society



Central Texas Section

Chapter Meeting
October 17, 2012
Austin, TX

IEEE

Tonight's Sponsor

- Llano Component Design



- Manufacturer Representative



www.leadertechinc.com
(813) 855-6921



www.tapeinnovations.com
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www.alliedplastic.com.cn



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Agenda

- Chapter Meeting
 - Introduction
 - Chapter calendar
 - Past Events
 - Future events
 - Interesting Stuff
- 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
 - Vice Chair - Jason Anderson
National Oilwell Varco, mr.janderson@gmail.com
 - Secretary/Treasurer - Mark Prchlik
ETS-Lindgren, mark.prchlik@ets-lindgren.com



Chapter Calendar

- 2012 Technical Program

* EMCS Distinguished Lecturer

Month	Topic
January	No meeting.
February	<i>Radiated Spurious Emissions Testing for Wireless Devices; Jari Vikstedt; ETS</i>
March	No meeting.
April	No meeting.
May	<i>Radiated Emissions Testing at 3 Meters and 10 Meters - New Developments in Standards; Dan Hoolihan; EMC Consultant</i>
June	<i>Using simulated instruments to develop and edit automated EMC test procedures; Joe Tannehill; ETS-Lindgren</i>
July	No meeting.
August	No meeting.
September	No meeting.
October *	<i>Differential Signaling Is the Opiate of the Masses; Sam Connor; IBM</i>
November	<i>Expediting EMC Measurements using Time Domain Reflectometry; Zhong Chen (ETS) and Greg Kiemel (NW EMC)</i>
December	<i>Open</i>



Chapter Calendar

- 2012 Administrative Activities
 - October
 - Solicit for officer nominations
 - Solicit for technical presentations
 - November
 - Hold elections and report results
 - Submit budget request
 - December
 - Report yearly activity to IEEE and EMCS

News

- Member archives of significance
 - EMCS considering how to manage archives
 - Ed Bronaugh



News

- Member archives of significance
 - Ed Bronaugh
 - Numerous books and files of potential interest
 - EMCS would like to preserve what it can



News

- Member archives of significance
 - Steps
 - Move materials to a working location
 - Review materials and retain interesting items
 - Either send materials to EMCS or scan
 - Scanning
 - Catalog remaining materials for scanning
 - Scan materials into PDFs

News

- Member archives of significance
 - Needs
 - A temporary location for working on the materials
 - Large conference room
 - Storage room
 - Garage
 - Volunteers to review, sort and catalog materials

Officer Elections

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

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 needs, including
 - Technical Program
 - Arrangements
 - Membership
 - Student Liaison
 - Conferences
 - Webmaster

Please contact an officer for more information.

Local Events

- IEEE Central Consultants Network

Topic/Title: Legendary Engineering Success Stories - the story of the Motorola 68HC11 Microcontroller

Speaker: Gary Daniels, retired Motorola Senior Vice President and Microcontroller Division General Manager

Date/Time: Wednesday, October 24, 2012

Networking and Refreshments at 6:00 – 6:30 pm ONLY in Café.

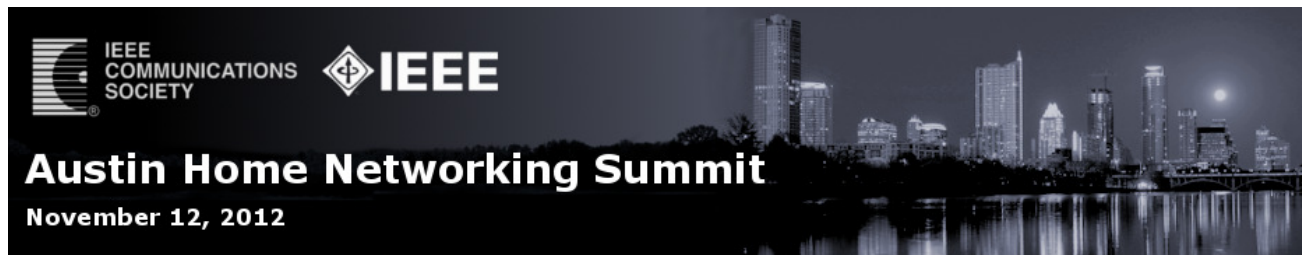
Business and Program from 6:30 pm to 8:30 pm in Auditorium.

Location: Freescale, 7700 W. Parmer Lane, Austin TX

Reservations: Reservations are required using vTools.

For more information, go to: http://ewh.ieee.org/r5/central_texas/cn/

Local Events



Gain insight into home networking Technologies and platforms including best of practices that will help you develop your home networking strategy and solution roadmap for home automation, smart energy, media/entertainment, home security & safety surveillance and health monitoring & management.

Date/Time: Monday, November 12, 2012

Location: Freescale, 7700 W. Parmer Lane, Austin TX

Reservations: Reservations are required using vTools.

Technical Presentation

Differential Signaling Is the Opiate of the Masses

by Sam Connor

SMTS

IBM, Research Triangle Park, NC

Wrap-Up

See You Next Time?

Wednesday, November 14, 2012
at
ETS-Lindgren
where

Zhong Chen and Greg Kiemel will present on “Expediting EMC Measurements using Time Domain Reflectometry”.