## **EMC Society**

#### **Central Texas Section**

Chapter Meeting October 19, 2011 Austin, TX

## 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**

#### 2011 Technical Program

\* EMCS Distinguished Lecturer

	Month	Торіс
•	January *	Conducted emissions, power supplies, and LISNs; Mark Steffka; GM, Milford, MI
	February *	What causes radiation?; Omar Ramahi; University of Waterloo, Waterloo, Canada
	March	The Three Most Confusing Principles In SI And How Not To Be Confused; Eric Bogatin; Bogatin Enterprises
	April	High Frequency Test Requirements for Europe; Asad Bajwa; MET Labs, S.F., CA
	Мау	Ten Things You Must Know About NEBS; Dave Lorusso; Consultant
	June	No meeting
	July	No meeting
	August	No meeting. IEEE EMC Symposium.
	September	No meeting.
	October *	Reverb Chamber Theory & Statistical Overview; Charles Bunting; OSU, Stillwater, OK
	November *	Why does my design fail EMC?; Jerry Meyerhoff; JDM Labs, Buffalo Grove, IL
	December	Topic TBD; Dan Hoolihan; Hoolihan EMC Consulting, Lindstrom, MN



## **Chapter Calendar**

#### 2011 Administrative Activities

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



#### News

- People
  - Mike Royer takes job at Bose.
  - EMCS considering how to manage archives of members such as Ed Bronough



## **Past Events**

#### 2011 IEEE EMC Symposium

- August 14-19, 2011
- Long Beach, CA
- Venue: Long Beach Convention & Entertainment Center



- Host hotel: Hyatt Regency Long Beach
- www.emc2011.org



#### **Past Events**

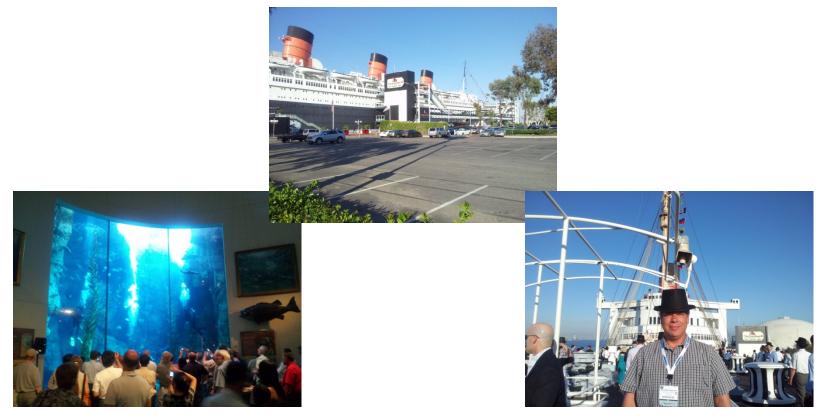
#### 2011 IEEE EMC Symposium





#### **Past Events**

#### • 2011 IEEE EMC Symposium





- Austin Metropolitan Workshop
  - October 21-22, 2011
  - South Austin Marriott, 4415 South IH 35
  - Presentations
    - Wireless Communications Engineering
    - Introduction to Smart Grid
    - Software Engineering Essentials
    - Career Assistance
  - Register at http://www.ieee.org



- EMC Engineering Seminar by Henry Ott
  - October 25-27, 2011
  - Wyndham Garden Hotel, 3401 South IH 35
  - Get a free copy of his latest book
  - Small exhibition for attendees on October 26th
  - Register at http://www.hottconsultants.com



- Texas ESD Association Meeting
  - October 25, 2011 at 7pm
  - Wyndham Garden Hotel, 3401 South IH 35
  - Topic
    - "Designing Electronic Equipment for ESD Immunity" by Henry Ott
  - Light snacks and drinks will be provided
  - RSVP to Ray Bowman (rayb1721@yahoo.com)
    - Name, company, phone and email.



- Fundamentals of EMC Compliance Testing Seminar
  - December 6-8, 2011
  - ETS-Lindgren, Cedar Park, TX
  - A comprehensive, hands-on course taught by industry experts on the details of performing radiated and conducted emissions and immunity tests to international standards.
  - Register at http://www.ets-lindgren.com



- Cen-Tex Future City Competition
  - Saturday, January 21, 2012
  - Texas State University, San Marcos
  - Jr. High School students build computer and physical models of their city of tomorrow.
  - Mentoring & judging opportunities available
  - For more information or to volunteer, contact Dean Schneider (d.schneider@ieee.org)



## **Technical Presentation**

## **Reverberation Chamber Theory** & Statistical Overview

## by Dr. Chuck Bunting Professor ECE Oklahoma State University



## Wrap-Up



# See You Next Time?

## Wednesday, November 16, 2011

Jerry Meyerhoff, and EMC Society Distinguished Lecturer, will present on "Why does my product fail EMC?".

