

# **EMC Society**

**Central Texas Section**

**Chapter Meeting**

**February 22, 2011**

**Austin, TX**



# Agenda

- Chapter Meeting
  - Introduction
  - Chapter Updates
  - Chapter Plans
  - Future events
- 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, jason.anderson@alumni.utexas.net
  - Secretary/Treasurer - Mark Prchlik  
ETS-Lindgren, mark.prchlik@ets-lindgren.com

# Introductions

- Chapter Coordinators
  - Technical Program
    - Mike Royer  
Foxconn, [mike.royer@foxconn.com](mailto:mike.royer@foxconn.com)

Other possible volunteer positions include Arrangements, Membership, Student Liaison, and Conferences. Please contact an officer for more information.

# Chapter Updates

- Summary of 2011
  - Chapter membership is 90.
  - Meeting attendance averaged 18 in 2011.
  - Leveraged local companies for support.
  - Utilized DL program for four speakers.
  - Utilized new DL video program.
  - Coordinated speakers w/ Dallas Chapter.
  - Welcomed new EMC lab to Austin.

# Chapter Updates

- Summary of 2011
  - Chapter meetings.

Date	Purpose	Topic	Speaker	L31
1/10/11	Admin	ExComm Meeting	n/a	Yes
1/19/11	Tech	Conducted Emissions	Mark Steffka (EMCS DL)	Yes (31)
2/8/11	Admin	ExComm Meeting	n/a	Yes
2/23/11	Tech	The Causes of Radiated Emissions	Dr. Omar Ramahi, (EMCS DL)	Yes (15)
3/23/11	Tech	The 3 Most Confusing Principles in SI and How Not to be Confused	Eric Bogatin (Video DL)	Yes (19)
4/20/11	Tech	EMC High Frequency Test Requirements for Europe	Asad Bajwa	Yes (17)
6/17/11	Tech	Ten Things You Must Know About NEBS	Dave Lorusso (joint mtg with PSES)	Yes (17)
10/19/11	Tech	Reverberation Chamber Theory and Statistical Overview	Dr. Charles Bunting (EMCS DL)	Yes (15)
11/16/11	Tech	Why does my product fail EMC testing?	Jerry Meyerhoff (EMCS DL)	Yes (12)

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# Chapter Updates

- 2012 Administrative Activities
  - January
    - Install new officers
    - Attend Section planning meeting
      - January 21, 2011 at TSU from 8:30am – 3pm
    - Receive budget from Section
  - February
    - Chapter planning meeting

# Chapter Updates

- 2012 Administrative Activities
  - Section Planning Meeting
    - Budget for 2012 calendar year is \$450



# Chapter Plans

- 2012 Technical Program
  - Definition is in progress
    - Planning for reduced meetings in 2012.
  - Call for Presentations
    - Will send announcement to email list.
  - Looking for a volunteer to lead definition and execution of the program.



# Chapter Plans

- 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	<i>Open</i>
April	<i>Open</i>
May	<i>Open – Dan Houlihan possible</i>
June	<i>Open</i>
July	<i>Open</i>
August	<i>EMC Symposium Takeaways – a roundtable discussion</i>
September	<i>Open</i>
October	<i>Open</i>
November	<i>Open</i>
December	<i>Open</i>

# Future Events

- **E-Week Austin, 22-26 February 2011**
  - The IEEE Central Texas Section has organized two events to recognize Austin's Engineers during the Engineering Week Celebration. Each will feature a high-level speaker to show case the company technologies and products, including time for social interactions before and after the talk with snacks and beverages.
  - February 23, 2012 from 11am-1pm
    - IBM, 11501 Burnet Road, Austin, Texas (Bldg. 904, Longhorn Room)
    - "New Intelligence from Big Data" by Stewart Nickolas
  - February 24, 2012 from 11am-1pm (lunch will be served)
    - AMD, 7171 Southwest Parkway, Austin TX 78735 (Bldg B500, Room B500.1A.440 (please register with security desk)
    - 'Innovation Execution: Agility and Response to Market Dynamics' by Chekib Akrouf

# Future Events

- **Door64 Pre-SXSW Interactive Party!**
  - When: Thursday, March 8th, 6pm-1am
  - Where: Six Lounge and The Tap Room  
117 West 4th Street, Austin, TX 78701
  - Who: Door64 members, anyone attending SXSW Interactive. (NO SXSW BADGE REQUIRED.)
  - Music: Band to be announced. Stay tuned...
  - Cost: Cheaper if you're fast, full-price if you procrastinate.
  - Register at <http://door64sxsw2012.eventbrite.com/>

# Future Events

- **Tech Career Expo @ SXSW**
  - When: March 9-10, 2012
  - Where: Austin Music Hall.
  - Open free to the more than 20,000 SXSW Interactive attendees and non-attendees alike, this official SXSW event showcases the best tech jobs and career opportunities from across the technology and interactive media industry.
  - Find our more at <http://techcareerexpo.com/>

# Future Events

- 2012 IEEE EMC Symposium
  - August 5-10, 2012
  - Pittsburgh, PA
  - Venue: David L. Lawrence Convention Center
  - Host hotel: Westin Pittsburgh
  - [www.2012emc.org](http://www.2012emc.org)





# Technical Presentation

## **Radiated Spurious Emissions Testing for Wireless Devices: A Tutorial on the History of the Test and How to Perform It**

by Jari Vikstedt

Sr. Principal RF Engineer  
ETS-Lindgren

# Wrap-Up

# See You Next Time?

Next meeting is TBD.