

# **Electromagnetic Compatibility (EMC) Society**



**IEEE Central Texas Section**

**IEEE**

**Regular Chapter Meeting  
June 17th, 2009  
Austin, TX**

# Agenda

- EMCS Chapter Meeting
  - Introduction
  - Officers Reports
  - Unfinished Business
  - New Business
- Technical Presentation

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# Chapter Leadership Team

- Chair - Ross Carlton  
National Instruments, ross.carlton@ni.com
- Vice Chair - Mike Royer  
Foxconn, mike.royer@foxconn.com
- Secretary/Treasurer - Mark Prchlik  
Panashield, mprchlik@ieee.org

# Introductions

- Name
- Company or school
- Your connection to or interest in EMC

# Chapter Information

- Overview
  - Provides a forum for local EMC professionals to interact, network, and increase technical competency.
  - Meetings generally consist of a Chapter meeting followed by a technical presentation on an EMC related topic.
  - Meetings are informal and member participation and discussion is encouraged.
  - Open to any interested in EMC.
  - No charge for attending.

# Chapter Information

- Web Site

<http://ewh.ieee.org/soc/emcs/chapters/centraltexas/index.html>



IEEE EMC SOCIETY  
Central Texas Chapter

**CENTRALTEXASEMC.ORG**

[Calendar](#)

**Meeting Locations**  
**National Instruments**  
11500 North MoPac  
Expressway  
Building C, Room 1S15  
[Click for map](#)

**Professional Testing**  
10 meter Chamber  
[Click for map](#)

**Dell, Inc: PS-4**  
Victoria Conference Room  
Farmer & McAllen Pass  
[Click for Map \(Word zip file\)](#)

[About the Chapter](#)  
[About EMC](#)  
[Officers and Contacts](#)  
[Links](#)  
[2009 EMC Symposium - Austin](#)  
[EMC Jobs](#)  
[EMC Resúmes](#)  
[Local EMC Services](#)  
[Product Safety](#)

Welcome to the official website of the Central Texas Chapter of the IEEE EMC Society. As part of the Central Texas Section of the IEEE, our chapter is open to those interested in the field of Electromagnetic Compatibility (EMC) design, test, and certification. Our members include technicians, engineers, consultants, and other professionals ranging in expertise from entry level to those of international renown.

EMC or Electromagnetic Compatibility is described as a products ability to function as intended in its electromagnetic environment. This includes mitigation of noise from computing equipment that can interfere with radio reception, mobile phones that can interfere with hearing aids, or radar transmitters that can interfere with Avionics.

EMC is generally considered to be discipline acquired through self-study. To assist the EMC profession, our chapter activities are intended to provide invaluable continuing education, professional development and networking opportunities for those with similar interest, issues, and experiences. In today's environment of self-managed career development, your EMC chapter is here to help.

If you would like to contribute to a chapter meeting by sponsoring a meal or nominating a speaker for a chapter meeting, please contact one of the Chapter officers (see "Officers and Contacts" link).

This year, this Chapter is hosting the IEEE EMC Symposium in August 2009. This is an international conference event featuring trade show booths, and technical presentations. If you would like to be involved, please contact the Symposium Chair, Dave Staggs (see "Officers and Contacts" link), to see how you can help.

Please check this website often to verify meeting date/time/location and speaker bio/topic.

We look forward to seeing you at our next meeting.  
Ross Carlton, Chapter Chairman 2009

**IEEE**

Product Safety updated May 1, 2006 JOBS updated Sep 26, 2008. Resúmes updated July 19, 2007 2009 Symposium information [here](#)  
Calendar updated Jan 23, 2009. Local EMC Services updated January 13, 2008. Send comments about this web site to Tim Stevens (see officers page)

IEEE EMC Society - Central Texas Chapter



# Chapter Information

- Planned Meetings for 2009

Month	Topic	* EMCS Distinguished Lecturer
January	NO MEETING	
February	CISPR-Average/RMS detectors and FFT scan techniques, James Young, R&S	
March	Introduction to Antennas for EMC, Dr. Vince Rodriguez, ETS-Lindgren	
April	Issues in Achieving Field Uniformity from 1 GHz to 6 GHz, Tom Mullineaux, Milmega	
May *	The Ten Habits of Highly Successful Board Designers, Eric Bogatin, Bogatin Ent. *	
→ June *	Engineering Aspects of Electromagnetic Shielding, Dr. Sergiu Radu, Sun *	
July	EMC Regulations for ITE Products, Richard Worley, Dell	
August	NO MEETING – 2009 IEEE EMC Symposium	
September	Open	
October	Open	
November	NO MEETING	
December	Christmas Party	



# 2009 IEEE EMC Symposium

- Updates
  - Attendance within 20% of target.
  - 195 exhibitors to date.
  - Technical program finalized.

The screenshot shows the IEEE EMC 2009 Symposium website. The browser window title is "IEEE EMC 2009 Symposium » Home - Windows Internet Explorer". The address bar shows "http://www.emc2009.org/". The page header includes the IEEE logo and "EMC Austin Style" with the dates "August 17-21, 2009".

**Navigation Menu (Left):**

- Pages
  - Home
  - Technical Program
  - Paper Submissions
  - Call for Musicians
  - For Exhibitors
  - Location Information
  - Promo Video
  - 2009 Committee
  - Request a Meeting
  - Professional Development
  - Future Symposium Dates
  - Advertising
  - Disclaimer
- EXTERNAL LINKS
  - IEEE Financial Assistance Program

**Main Content:**

### Home

#### Your Invitation to an Exceptional Event

Attend the IEEE EMC Society Symposium on Electromagnetic Compatibility in Austin, Texas **August 17 - 21, 2009** and experience "EMC Austin Style" in "The Live Music Capital of the World"! EMC Symposium participants will enjoy attending events at the spacious and modern Austin Convention Center, just across the street from our host hotel, the new Hilton Hotel. Both are located a short walk away from Sixth Street, where the entertainment venues, funky boutiques, casual coffee shops, night-time hot spots and art galleries abound.

#### Benefits of Attending

- Hear top-rated peer reviewed technical papers presented by experts in multi-track sessions over a three-day period
- Attend two days of practical peer reviewed workshops and tutorials
- See experiments and demonstrations presented by experts
- Visit exhibitors and see the latest test equipment and measurement systems
- Tour a local manufacturer of EMC and acoustic systems
- Renew friendships and network with industry gurus
- Share fun-filled social events with family and special friends

#### Getting Here

Austin Bergstrom International Airport (AUS) has direct flights to major cities throughout the US and is serviced by major carriers including American Airlines, United, Continental, Northwest, Jet Blue and Southwest Airlines.

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# 2009 IEEE EMC Symposium

- Updates
  - Seeking volunteers.
    - Tue, Wed, Thu
    - Food, t-shirt, free parking, full access.
  - Sign up for tours.

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# See You Next Time

**Wednesday, July 22, 2009**

**Richard Worley, of Dell, will discuss the latest in global EMC requirements for information technology equipment (ITE).**