

Electromagnetic Compatibility (EMC) Society



IEEE Central Texas Section

IEEE

Regular Chapter Meeting

April 22nd, 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 \(Word zip file\)](#)

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[About EMC](#)
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[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
 - Advanced program completed.
 - Tech program on track.
 - Fewer exhibitor booths being sold than expected.

The screenshot shows the homepage of the IEEE EMC 2009 Symposium website. The browser title is "IEEE EMC 2009 Symposium » Home - Windows Internet Explorer" and the URL is "http://www.emc2009.org/". The page features a yellow header with the text "IEEE SYMPOSIUM EMC Austin Style August 17-21 2009". A left sidebar contains navigation links such as "Home", "Technical Program", "Paper Submissions", and "Call for Musicians". The main content area includes a "Your Invitation to an Exceptional Event" section with details about the symposium dates (August 17-21, 2009) and location (Austin, Texas). Below this is a "Benefits of Attending" section with a bulleted list of advantages. Further down, there are sections for "Call for Papers", "Watch the Promo Video", and "Getting Here". The footer contains the IEEE logo and the text "Celebrating 125 Years of Engineering the Future". On the right side of the page, there are two vertical banners for "interference technology" advertising "For 100% EMC news, forums, new EMC technologies click here".

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Current Events



3rd Annual Brain Party
AND CELEBRATION OF IEEE'S 125TH ANNIVERSARY

EXCLUSIVELY FOR CENTRAL TEXAS ENGINEERS AND IEEE MEMBERS

April 30, 2009
6:00 to 8:00 p.m.
Goodwill Community Center
1015 Norwood Park Blvd.

THREE YEARS. THREE HOURS. THREE HOSTS.
Enjoy live music from the Blues Crawlers, food from McCormick & Schmick's, beverages, Goodwill Computer Museum tours and great networking during this celebration of the innovative minds of Central Texas and the future of engineering.

REGISTER NOW.
This event is free, and is exclusive to Central Texas engineers and IEEE members. Admission at door with business card.
austinhumancapital.com/brainparty

Stimulate Your Brain Before the Party

- door64.com Tech Fair**
11:00 a.m. to 4:00 p.m.
- Panel "The Engineer of 2020"**
4:30 to 5:30 p.m.
- UT Electrical Engineering Demos**
6:00 to 8:00 p.m.

Logos: Austin Chamber of Commerce, 2009, BRAIN³, 3rd Annual Brain Party, Celebrating 125 YEARS, IEEE Celebrating 125 Years of Engineering the Future, goodwill, SILICON LABS, hp invent, gemalto security to be free, CIRRUS LOGIC

IEEE EMC Society - Central Texas Chapter



Current Events

- **IEEE Consultant Workshop**
 - **May 26, 2009, 2-6 PM**
 - **“How to Become a Successful Consultant.”**
 - **Location**
 - **Freescale Semiconductor, 7700 W. Parmer, Austin TX, Building A, Main Auditorium**
 - **Cost for this workshop: \$20 IEEE members/\$25 Public/\$35 At the Door.**

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Unfinished Business

- IEEE concentration banking account
 - Requested Chapter account approval from the Section.
 - Section wants to establish a history with the Chapter first.
 - Requires ongoing commitment and reporting by Chapter officers.
 - Chapter needs to determine if the need offsets the requirements

Unfinished Business

- Need MOU with Section on Symposium
 - Chapter has MOU with EMCS.
 - Forwarded MOU to Section.
 - Future actions
 - Identify needed Section support.
 - Define financial arrangement with Section.

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QUESTIONS?

COMMENTS?

OBSERVATION?

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See You Next Time

Wednesday, May 20, 2009

Eric Bogatin, SI Consultant, will discuss the ten habits of highly successful board designers.