

# EMC Society



Central Texas Section

Chapter Meeting

February 23, 2011

Austin, TX

IEEE

# Agenda

- Chapter Meeting
  - Introduction
  - Program
  - Chapter calendar
  - Future events
  - Jobs
- 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](mailto:ross.carlton@ni.com)
  - Vice Chair - Jason Anderson  
Professional Testing, [janderson@ptitest.com](mailto:janderson@ptitest.com)
  - Secretary/Treasurer - Mark Prchlik  
ETS-Lindgren, [mark.prchlik@ets-lindgren.com](mailto: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.



# Program

- 2011 Technical Program

\* EMCS Distinguished Lecturer

Month	Topic
January *	<i>Conducted emissions, power supplies, and LISNs; Mark Steffka; GM, Milford, MI</i>
→ February *	<i>What causes radiation?; Omar Ramahi; University of Waterloo, Waterloo, Canada</i>
March	<i>EMI/EMC Simulation and Modeling; David Johns; CST</i>
April	<i>Open</i>
May	<i>Open</i>
June	<i>Open</i>
July	<i>Open</i>
August	<i>Open</i>
September *	<i>EMC Testing of Substation Products or Green Power &amp; the Modern Grid; Jerry Ramie; ARC Technical Resources, San Jose, CA</i>
October	<i>Open</i>
November	<i>Open</i>
December	<i>Open</i>

# Chapter Calendar

- 2010 Administrative Activities
  - January
    - Install new officers
    - Chapter planning meeting
    - Receive budget from Section
    - Attend Section planning meeting
      - January 29, 2011 at TSU from 9:30am – 3pm
  - February
    - Chapter planning meeting

# Future Events



- **E-Week Austin, 22-26 February 2011**
  - The IEEE Central Texas Section is organizing this event for Austin's Engineers to acknowledge and congratulate our engineering contributions to the community. The event is organized at several company locations in the city of Austin.
  - Each event will feature high level speaker from major company located in Austin to show case the company technologies and products and including time for social function before and after the talk, and snacks and beverage.
  - Austin E-Week flyer  
[http://ewh.ieee.org/r5/central\\_texas/EWeekFlyer3.pdf](http://ewh.ieee.org/r5/central_texas/EWeekFlyer3.pdf)



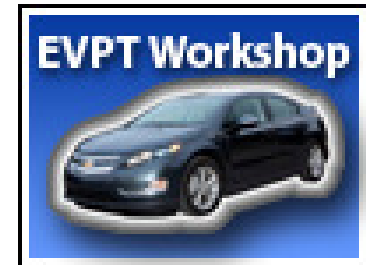
# Future Events

- **Magnetics 2011**



- March 1-2, 2011
- San Antonio, TX
- Grand Hyatt Hotel
- Focused on the latest advancements in magnetic applications, technology and materials.
- [www.magneticsmagazine.com](http://www.magneticsmagazine.com)
- Online registration closes today!

# Future Events



- **IEEE-USA Electric Vehicles & Personal Transportation Workshop, 4 March 2011**
  - This one-day workshop features eight panels with more than 20 technology, industry and policy experts who will examine these challenges and opportunities. Confirmed keynotes include Karl Rabago, Vice President of Austin Energy and David Strickland, Administrator of the National Highway Transportation Administration. Exhibits will feature the latest in electric vehicles and cutting-edge transportation technology.
  - Details can be found at:  
<http://www.ieeeusa.org/calendar/workshops/EVPT/>

# Future 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](http://www.emc2011.org)



# Jobs

- Enflite
  - Consultant needed
    - Provide assistance in debugging an EMC issue with an existing product.
    - Some travel to facility in Georgetown required.
  - Contact
    - Ken Arnold (Manager, Certification, Test and QA)
    - Enflite, Inc. - A Sikorsky Aerospace Services Company
    - 105 Cooperative Way
    - Georgetown, TX 78626
    - Office: +1.512.868.3399
    - Fax: +1.512.868.3320
    - Web: <http://www.enflite.com>

# Technical Presentation

## Radiated Emissions

by Dr. Omar Ramahi

Professor of Electrical Engineering  
University of Waterloo, Ontario

# Wrap-Up

# See You Next Time?

**Wednesday, March 23, 2011**

**This meeting will host David Johns from CTS-America. He will discuss electromagnetic simulation topics of interest to EMC engineers.**