

**IEEE Electromagnetic Compatibility (EMC) Society
Huntsville, Alabama Chapter**

Monthly Technical Meeting

Time (pm)	Activity
5:30 - 6	Social / Meal / Sign In
6 - 6:05	Sponsor Remarks
6:05 - 6:25	Chapter Business
6:25 - 7:20	Technical Presentation
7:20 - 7:30	Question/Answer Session
7:30	Adjourn

**Please Thank Our Meal Sponsor:
Mr. Michael Lehmann**



Business Items

1. 2009 Chapter Remaining Meeting Schedule
2. Upcoming EMC Events
3. EMC Book Update
4. Call For Chapter Volunteers
5. IEEE Membership And Senior Grade

IEEE EMC Society Huntsville Chapter

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EMC Society Meeting Schedule

Information about past, present and future meetings can be found here. If there is a topic of interest that you would enjoy seeing presented, please email [Doug Parker](mailto:Doug.Parker@adtran.com).

2009 Meeting Schedule

Date Location	Topic	Speker	Refreshment Sponsor
January 15 ADTRAN Minutes(PDF) Charts (PDF)	Electrostatic Discharge – The Phenomena, Testing and Design Guidance for Improved Immunity Performance Presentation (PDF)	Paul Stover ADTRAN Inc.	WYLE Laboratories, Mr. Jack McFadden
February 19 PWG Systems Minutes(PDF) Charts (PDF)	Voltage Spikes On Aircraft Power Interfaces	Nick Wright HV Technologies	Tom Revez, HV Technologies
April 16 ADTRAN Minutes(PDF) Charts (PDF)	Dipoles For Dummies	Henry Ott Henry Ott Consultants	Philip Stallcup, Agilent
May 21 ADTRAN Minutes(PDF) Charts(PDF)	ESD Susceptibility Scanning, New Test Methods To Identify Device Or System Level Sensitivities Presentation (PDF)	Michael Hopkins Amber Precision	Michael Hopkins, Amber Precision

2009 Chapter Officers

- **Chair: Doug Parker**
 - Employer: ADTRAN Inc.
 - Email: doug.parker@adtran.com
 - Phone: 256.963.6937
- **Treasurer: Jim Stone**
 - Employer: Underwriters Labs
 - Email: james.a.stone@us.ul.com
 - Phone: 256.963.6026
- **Vice Chair: Jeff Whitmire**
 - Employer: ADTRAN Inc.
 - Email: jeff.whitmire@adtran.com
 - Phone: 256.963.8554
- **Member at Large: Paul Stover**
 - Employer: ADTRAN Inc.
 - Email: paul.stover@adtran.com
 - Phone: 256.963.6099
- **Secretary: Jack McFadden**
 - Employer: Wyle Laboratories
 - Email: jack.mcfadden@wylelabs.com
 - Phone: 256.716.4471
- **Member at Large: Hansel Cornutt**
 - Employer: Retired (that's awesome)
 - Email: hanskat@knology.net
 - Phone: 256.544.5329

Remaining 2009 Meeting Schedule

Date	Location	Topic	Presenter	Sponsor
Aug 13	TBD	Using the Real Time Spectrum Analyzer To Identify Signals	Pietr Seidel Tektronix	Intertek
Sep 17	ADTRAN	An Overview of Chip Level EMC Problems" & "Engineering Aspects of Electromagnetic Shielding	Sergiu Radu, Ph. D., NCE IEEE Distinguished Lecturer	AR and Coilcraft
Oct 15	ADTRAN	Business Meeting	Doug Parker Chapter Chair	EMC Chapter
Nov 12	ADTRAN	To Be Determined	National EMC Society	National EMC Society



Come To Austin, TX In 2009
August 17 – 21 Austin Convention Center
<http://www.emc2009.org>

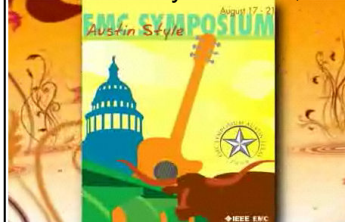
ADRAN

Life Lessons In EMC Engineering

“How I find more time to play golf and kill fewer design engineers each week”

By: Doug Parker, NCE

Next Thursday In Austin, TX



Sponsored By:



Lead Free 101
Lessons Learned from Lead Free
Electronics Design and Manufacturing



September 16 & 17
Bevill Conference Center
The University of Alabama in Huntsville



5 Easy Ways to Register:

Registration Office Hours 8:15am - 5pm, Monday - Friday.
On-line at www.ConEd.uah.edu
Phone: 256.824.6910 or 800.448.4031 during office hours
In Person at Madison Hall, Room 316 on the UAHuntsville campus
Fax a completed registration form to 256.824.6760
Mail a registration form to:
UAH Division of Continuing Education
Madison Hall, Room 316
Huntsville, AL 35899-0950

September 16 & 17
Bevill Conference Center, Room 275

SESSION # CS010004E

Program Fee

Early Registration \$75
 Received after 9/8/09* \$95

Please Indicate Tours you plan to attend:

UAH Reliability Lab Tour Day 1 Day 2
BEI Factory Tour Day 1 Day 2

TOTAL AMOUNT DUE:

Duplicate this page for additional forms, or print from www.ConEd.uah.edu.

Circle one: Dr. Mr. Ms. **Registration Form**

Name First Middle Last

Address Home Business

City State Zip Code

Company Name

Phone: Daytime () () Alt ()

Fax () Email

Method of Payment:

Check enclosed. Make checks payable to: UAHuntsville Continuing Education
 VISA MasterCard Discover American Express (No other cards accepted)

Card No. Exp. Date

Cardholder's Name

Signature

Bill my organization

Purchase Order # Attn:

Billing Address

City State Zip Code

UAHuntsville Disability Support Services (voice/TDD 256.824.6203) provides for students with disabilities.

Book List In Our Technical Library:

- | | |
|--|-----------------------|
| Electromagnetics Explained | by Ron Schmitt |
| EMI Troubleshooting Techniques | by Michael Marduguian |
| High Frequency Measurements and Noise In Electronic Circuits | by Douglas Smith |
| High-Speed Digital Design: A Handbook of Black Magic | by Howard Johnson |
| High-Speed Signal Propagation: Advanced Black Magic | by Howard Johnson |
| High-Speed Digital System Design: A Handbook of Interconnect Theory and Design Practices | by Hall, Hall, McCall |
| Introduction To Electromagnetic Compatibility | by Clayton Paul |
| Lightning Protection Of Aircraft | by Fisher, Perala |
| Noise Reduction Techniques In Electronic Systems | by Henry Ott |
| PCB Design for Real-World EMI Control | by Bruce Archambeault |
| Signal Integrity – Simplified | by Eric Bogatin |

Books Are Now Available To The Public In The UAH Library

The chapter needs volunteers

- Encourage new ideas and different perspectives
- Expand chapter leadership base
- The current officers are not eligible for re-election in their current roles

Volunteering has many personal benefits

- Develop your leadership and team work abilities
- Get to know more local EMC practitioners
- See “the bigger picture” outside your job
- Unlike your day job, you can’t be fired!

How you can help

- Volunteer to help with activities discussed above
- As a minimum, **please respond to register your preferences when polled**

We Need New Officer Nominations In October

IEEE Membership Benefits

- Knowledge Database - News Letters, Magazines, Standards, White Papers
- Misc. - Email alias, Networking, Job Search, Consultant Support Services
- Financial Advantage Program - Insurance, Travel, Finance, Discounts

Senior Membership Upgrade (Easy To Do)

- Senior Member is the highest grade for which IEEE members can apply.
- To be eligible for application, candidates must:
 - Be engineers, scientists, educators, technical executives
 - Have experience reflecting professional maturity
 - Have been in professional practice for at least ten years
 - Show "significant performance" over a period of at least five of their years
- Contact Woody Williams To Review Your Resume or Apply Online
woody@imagefactorsouth.com
ifs@hiwaay.net

Mr. Pieter Seidel

Tektronix

***“Using the Real Time Spectrum
Analyzer To Identify Intermittent
And Interfering Signals ”***