



Huntsville, AL Chapter



IEEE EMCS

Huntsville, Alabama Chapter

Monthly Technical Meeting

February 9, 2006



2/9/06 Schedule/Agenda

Huntsville, AL Chapter



Time (pm)	Activity
5:30 - 6	Social/meal/sign in
6 - 6:30	Chapter business
6:30 - 7:15	Technical presentation
7:15 - 7:30	Question/Answer, Wrap up
7:30	Adjourn

Agenda

1. Meal/Sign in
2. Sponsor remarks
3. Chapter business
 - a. Old business
 - b. New business
4. Technical presentation - Mr. Tom Sertic

Old Business

1. Introduction of chapter officers
2. March meeting topic selection
3. Kimmel Gerke Huntsville seminar
4. Introduction of new chapter webmaster
5. Huntsville 2006 EMC Event
6. EMCS Distinguished Lecturer selection
7. New member drive
8. Chapter brochure development
9. 2006 Meeting schedule

- Chair: Glenn Shelby
 - Employer: NASA
 - email: glenn.shelby@nasa.gov
 - phone: 256.544.0694

- Vice Chair: Tom Perry
 - Employer: Jacobs Sverdup
 - email: thomas.a.perry@nasa.gov
 - phone: 256.544.0744

- Secretary: Tim Travis
 - Employer: ERC, Inc
 - email: tim.j.travis@us.army.mil
 - phone: 256.955.9154

- Well-known EMI guru **Daryl Gerke** of Kimmel Gerke Associates has agreed to speak at the 9 March meeting
- Daryl gave us a choice of two topics:
 - How to Design to Fail EMC Tests....in 20 Easy Steps
 - The Mysteries of Grounding
- **Status**: An email poll was conducted the week of 23 January
 - 27 people voted
 - Vote was 15-12 in favor of “**The Mysteries of Grounding**”



Kimmel Gerke Huntsville EMC Seminar

Huntsville, AL Chapter



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- Kimmel Gerke Associates, in association with Tektronix, is planning to hold a three day EMC seminar in Huntsville
 - Dates: 8-10 March 2006
 - Location: Courtyard by Marriott
 - Website: www.emiguru.com
 - Phone: 800.763.3133 (Tektronix Seminars)
 - Huntsville is seminar code 5647
 - Two day course: Grounding and Shielding (\$895)
 - One day course: EMC and Signal Integrity in Printed Circuit Boards (\$495)
 - You can sign up for only the two day, only the one day, or all three days (\$1295)



Introduction of New Chapter Webmaster

Huntsville, AL Chapter



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- At the January meeting, a call was issued for a new chapter webmaster

And.....

- Jonathan Mack stepped up to the challenge and is our new webmaster!!!
- **Many thanks to Jonathan for volunteering**
- Jonathan can be reached at Jonathan.D.Mack@nasa.gov



Huntsville EMC 2006 Event Overview

Huntsville, AL Chapter



- The chapter is planning to host a one-day EMC table top event in Huntsville
- Planned date is Tuesday July 11, 2006 (NOTE date change from Jan mtg)
- Location is the Bevill Conference Center and Hotel (near UAH)
- Main differences from 2005 show:
 - The event will be put on by the chapter rather than vendors
 - Profits will be used to fund future chapter activities
 - Full day instead of half day
 - One “big name EMC speaker” rather than vendor talks
- **Status**
 - **Our speaker will be Dr. Clayton Paul (!!!)**
 - Hotel contract being reviewed, signing expected NLT 2/17/06
 - Huntsville IEEE Section has agreed to fund \$3000 in seed money



EMC 2006 Needs Identified to Date

Huntsville, AL Chapter



Help needed:

- Registration chairperson
- Vendor/exhibits chairperson
- Develop event brochure
- Mail event brochure
- Identify and contact potential vendor exhibitors
- Show setup/teardown team
- Attendee registration team (at the show)
- Coordinate door prizes with vendors
- Coordinate Clayton Paul book order with Wiley
- Company to donate approximately 100 copies of the event proceedings



EMCS Distinguished Lecturer (DL) Selection

Huntsville, AL Chapter



- We plan to have an EMCS Distinguished Lecturer present at our September monthly meeting
- IEEE EMCS will reimburse \$750 for DL travel expenses per engagement
- Cost sharing of expenses with local chapter is encouraged: local travel, meals, etc.

2006 EMCS DL

- Dr. Heyno Garbe (Univ. of Hanover, Germany)
 - Dr. Christopher Holloway (NIST)
 - Dr. David Pommerenke (Univ. Missouri Rolla)
 - Professor Etienne Sicard (INSA, France)
 - Dr. David Hockanson (Sun Microsystems)
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- Lecturers and topics can be found at:
<http://www.ewh.ieee.org/soc/emcs/acstrial/distinlec.htm>
 - Each lecturer has multiple topics to select from
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- **Status:** Speaker and topic selection will be made via email poll in February



New Member Drive

- At the 27 October meeting Tom Perry volunteered to head up the new member drive
- Overall goal is to get new people involved in our chapter: contact 5 new organizations for each monthly meeting
- **Status:** Tom has melded multiple older chapter lists together and will be going out for information updates
- **How you can contribute:**
 - Provide your current contact information, including **company, mailing address, phone numbers, and IEEE member number** to Tom
 - Identify sources of current Huntsville company listings
 - Coordinate with new companies we should contact
 - Coordinate with UAH and A&M student chapters on their participation in the chapter

- Goal is to develop a brochure to advertise our Huntsville EMC chapter existence, activities, contact information, etc.
- Copies would be distributed to:
 - Our own companies and labs
 - Our own customers
 - Local companies
- Brochure would also be used in the new member drive
- **How can you contribute:**
 - Volunteer to lead the activity
 - Volunteer to help with the brochure content
 - Volunteer to design the brochure electronically
- **Status: Presented at Jan meeting, no response to date**



2006 Meeting Schedule

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Date	Location	Topic	Presenter	Sponsor
Jan 12	ADTRAN	Radiated Electric Field Control	Ken Javor, EMC Compliance	ERC, Inc.
Feb 9	ADTRAN	Introduction to the TWT	Tom Sertic, CPI	CPI
Mar 9	ADTRAN	The Mysteries of Grounding	Daryl Gerke Kimmel Gerke Assoc	Qualis
Apr 13	ADTRAN	Business Meeting	N/A	N/A
Jul 11	Bevill Center	Huntsville EMC 2006	Dr. Clayton Paul	N/A
Sept 14	ADTRAN	To Be Determined	EMCS Distinguished Lecturer	Underwriter's Lab
Oct 12	ADTRAN	Business Meeting	N/A	N/A

New Business

1. Call for Chapter Treasurer
2. Call for Chapter volunteers



Call for Chapter Treasurer

- To date, the EMC chapter has had no funds and hence no need for a treasurer
- The EMC 2006 event is expected to bring a profit to the chapter

So.....

WE NEED A CHAPTER TREASURER!

- Qualifications:
 - Must be an IEEE member
 - Decent record keeping skills
 - Time to perform the job
- Duties
 - Make deposits and write checks on the chapter's checking account with the IEEE
 - Maintain receipts for expenses
 - Support a year end audit with the IEEE
- **Status - Email sent 30 January but no responses to date!!!!**



Call for Chapter Volunteers

- The current officers are striving to spread the chapter workload
 - Encourage new ideas and different perspectives
 - Expand chapter leadership base
- Volunteering has many personal benefits
 - Develop your leadership ability
 - Develop your ability to work with a team
 - Get to know your fellow local and national 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 tonight
 - Take on something that interests you that may not have been thought of yet
 - As a minimum:
 - Respond to the periodic chapter emails
 - Register your preferences when being polled

Technical Presentation

“Introduction to the Traveling Wave Tube (TWT)”

Mr. Tom Sertic

Communications and Power Industries (CPI)

905.702.2228

tom.sertic@cmp.cpii.com

www.cpii.com