

IEEE EMCS

Huntsville, Alabama Chapter

Monthly Technical Meeting

March 9, 2006

<b>Time (pm)</b>	<b>Activity</b>
5:30 - 6	Social/meal/sign in
6 - 6:20	Chapter business
6:20 - 7:20	Technical presentation
7:20 - 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. Daryl Gerke

## Old Business

1. Introduction of chapter officers
2. Introduction of new chapter treasurer
3. Huntsville 2006 EMC Event
4. EMCS Distinguished Lecturer selection
5. New member drive
6. Chapter brochure development
7. 2006 Meeting schedule

- Chair: Glenn Shelby
  - Employer: NASA
  - email: [glenn.shelby@nasa.gov](mailto:glenn.shelby@nasa.gov)
  - phone: 256.544.0694
  
- Vice Chair: Tom Perry
  - Employer: Jacobs Sverdup
  - email: [thomas.a.perry@nasa.gov](mailto:thomas.a.perry@nasa.gov)
  - phone: 256.544.0744
  
- Secretary: Tim Travis
  - Employer: ERC, Inc
  - email: [tim.j.travis@us.army.mil](mailto:tim.j.travis@us.army.mil)
  - phone: 256.955.9154

- At the February meeting, a call was issued for a new chapter treasurer

And.....

- Jim Stone stepped up to the challenge and volunteered!
- The chapter confirmed Jim by electronic vote
- **Many thanks to Jim for volunteering!!!!!!!!!!!!!!**
- Jim can be reached at [jim.stone@adtran.com](mailto:jim.stone@adtran.com)

- The chapter is hosting a one-day EMC table top event in Huntsville
- Planned date is Tuesday July 11, 2006
- 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 was contracted on 28 February
  - Attendee and vendor registration forms will be sent out starting 15 March
  - Huntsville IEEE Section has agreed to fund \$3000 in seed money

## Volunteers needed for the following areas:

- Identify and contact potential vendor exhibitors
- Show setup/teardown team
- Attendee registration team (at the show)
- Company to donate approximately 100 copies of the event proceedings
- Photographer
- Menu planning

- We plan to have an EMCS Distinguished Lecturer (DL) present at our September monthly meeting
- There are five DLs on call for 2006 (3 based in US, 2 outside US)
- We will limit ourselves to US speakers to simplify our first use of the DL program
- Proposed selection process:
  - Select speaker via chapter electronic vote
  - Confirm speaker availability
  - Select speaker topic via chapter electronic vote

## 2006 US EMCS DLs

- Dr. Christopher Holloway (NIST)
- Dr. David Pommerenke (Univ. Missouri Rolla)
- Dr. David Hockanson (Sun Microsystems)
  
- Lecturers and topics can be found at:  
<http://www.ewh.ieee.org/soc/emcs/acstrial/distinlec.htm>
  
- **Status**: Speaker selection will be made via email poll in March

- 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 has gone out to companies and individuals 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: Brochure template has been acquired**

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/ Jacobs Sverdrup
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 Photographer
2. Call for Chapter volunteers

- The EMC Society Newsletter publishes a write up and photos of chapter meetings
- None of the officers can remember to bring a camera to the meetings

So.....

**WE NEED A CHAPTER PHOTOGRAPHER!**

- Qualifications:
  - Attend chapter meetings on a regular basis
  - Be able to take recognizable digital photographs of humans without heads cut off or the framing being skewed at a crazy angle....
- Duties
  - Take digital photos at monthly meetings
  - Take digital photos at EMC 2006 table top event
  - Send digital photos to officers for inclusion in EMC Newsletter

- 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

**“The Mysteries of Grounding”**

**Mr. Daryl Gerke**

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