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16 August 2011
TC-2

IEEE EMC Technical Committee #2
EMC MEASUREMENTS
Meeting Minutes

Place: Long Beach, California Convention Center

Date: 16 August 2009

www.ewh.ieee.org/soc/emcs/tc2/

1.0 Call to Order/Introductions

Meeting was opened by Chair, Don Heirman, at 0730 hrs.
All in attendance introduced themselves.

| <u>Name</u> | <u>Company</u> | <u>e-mail</u> | <u>Member</u> |
|----------------------|---------------------------------|--|---------------|
| Clifford Hauser | Raytheon Missile Systems | Clifford.hauser@raytheon.com | Y |
| Tom Fagan | Raytheon Missile Systems | tjfagan@ieee.org | Y |
| Don Heirman | Don Heirman Consultants | d.heirman@ieee.org | Y |
| Jose Chilo | University of Gaule (Italy) | jco@hig.se | Y |
| John Maas | IBM | johnmasse@us.ibm.com | Y |
| Diane Kempf | NAWC Pax River | diane.kempf@navy.mil | Y |
| Ed Hare | ARRL | w1rfi@arrl.org | Y |
| Ghery Pettit | Intel | ghery.pettit@intel.com | N |
| Ross Carlton | National Instruments | ross.carlton@ni.com | Y |
| Mark Hazmann | New Path Research | mhagmann@newpathresearch.com | N |
| Greg Tait | NSWC Dahlgren | Gregory.tait@navy.mil | Y |
| Robert Hofmann | Hofmann EMC | hrhofmann@att.net | Y |
| Petra-Marian Nicolae | University of Craiova (Romania) | pnicolae@elth.ucv.ro | N |
| Vibhav Pathak | Hamilton-Sundstran | vibhav.pathak@hsk.utc | N |
| Jason Coder | NIST | Jason.coder@nist.gov | Y |
| Vignesh Rajamani | Oklahoma State University | vignesh.rajamani@okstate.edu | N |
| Monrad Morsen | Oracle | monrad.monsen@oracle.com | N |
| Michael Hatfield | NSWCDD | Michael.hatfield@navy.mil | N |

NOTE: Those attendees not presently members of the committee will be added to the membership list for one (1) year and will receive all TC-2 minutes as well as agendas.

The membership list will be updated and sent out to all attendees and members with meeting minutes.
Mr. Heirman provided an overview of the TC2 Technical Committee and its function. It was noted that this committee reviewed 75 iNARTE questions with over half being rejected.

2.0 Approval of 2010 Minutes

The members present approved the meeting minutes of the 2010 meeting in Fort Lauderdale, Florida, with no changes. Members present also agreed to the 2011 Agenda.

3.0 Committee Membership Status

Existing officers elected to a two (2) year term in 2011 so no action required.

Symposium paper review of 49 papers submitted, 19 needed a second review, 3 rejected.

If you want to be a reviewer, contact Don Heirman (Chairman) with information on your specialty. At the present time, TC2 has 21 reviewers and the same people will be used for 2012.

4.0 Symposium Activity

Smart Grid (SC1) has 35 people attend and the meeting went an hour longer than planned. TC2 has 6 sessions sponsored for this year (2011).

5.0 Standards

Standards 139, 187, and 473 are being worked by TC2 at this time.

Dr. Mark Hagmann brought up a problem with position errors and insertion impedance with current probes. He wants to do a demonstration at the 2012 symposium. This was approved.

It was noted that IEEE EMCS has many proposed workshops and special sessions. The proposed submitted session paperwork needs to be properly completed if it is to be approved. There are only 20 slots and we had 30 proposals for 2011.

TC2 will plan to set up a Reverb Session for the 2012 conference.

6.0 iNARTE

TC2 received lots of iNARTE questions for review. Tom Fagan, Clifford Hauser, and Robert Hofmann were reviewers for this year. Less than 50% of the questions were accepted. Many papers were missing equations, references, and also had wrong answers.

It was noted that iNARTE is moving to Michigan.

7.0 Symposium Activity

Everyone in attendance will be going to the 2012 conference in Pittsburgh.

TC2 has 30%-50% of all the papers to review. October through January is paper submittal time with March 11, 2012 the acceptance date. It was noted that normally the best papers are the first to be submitted.

There is new software that will be used for the 2012 paper review process. Don Heirman would like to do a webinar to show everyone reviewer that new process.

It was also mentioned that Poster Papers are not second class papers. The new software will make it easier to note if the paper is to be a poster paper or a regular paper.

It was noted that more session chairs and co-session chair people will be needed for the 2012 conference.

New area of interest: Current Probe Issues by Dr. Mark Hagmann.

8.0 IEEE Symposium 2010

Location for the 2012 EMC symposium will be Pittsburg.

Meeting time of Tuesday morning at 0730-0830 hours was agreed by all attendees.

Clifford E. Hauser
Secretary IEEE EMC TC-2