



Donald Heirman  
Chair  
[d.heirman@ieee.org](mailto:d.heirman@ieee.org)  
732-741-7723

Thomas Fagan  
Vice-Chair  
[tjfagan@ieee.org](mailto:tjfagan@ieee.org)  
520-794-0227

Clifford E. Hauser  
Secretary  
[clifford.hauser@ieee.org](mailto:clifford.hauser@ieee.org)  
520-794-8285

**27 July 2010**  
**TC-2**

IEEE EMC Technical Committee #2  
EMC MEASUREMENTS  
Meeting Minutes  
Place: Fort Lauderdale, Convention Center  
Date: 27 July 2010  
[www.ewh.ieee.org/soc/emcs/tc2/](http://www.ewh.ieee.org/soc/emcs/tc2/)

- 1.0 Meeting was opened by Chair, Donald Heirman, at 0806 hrs.  
All in attendance introduced themselves with a round table introduction.

<u>Name</u>	<u>Company</u>	<u>e-mail</u>	<u>Member</u>
Clifford Hauser	Raytheon Missile Systems	<a href="mailto:Clifford.hauser@ieee.org">Clifford.hauser@ieee.org</a>	Y
Tom Fagan	Raytheon Missile Systems	<a href="mailto:tjfagan@ieee.org">tjfagan@ieee.org</a>	Y
Franco Moglie	University of Antona (Italy)	<a href="mailto:f.moglie@univam.it">f.moglie@univam.it</a>	Y
John Mass	IBM	<a href="mailto:johnmass@us.ibm.com">johnmass@us.ibm.com</a>	Y
Diane Kempf	NAVAIR	<a href="mailto:diane.kempf@navy.mil">diane.kempf@navy.mil</a>	Y
Steve Deppen	Beaver Aerospace & Defense	<a href="mailto:sdeppen.beaver@psi-corp.com">sdeppen.beaver@psi-corp.com</a>	Y
Ali Alaeldine	ESED	<a href="mailto:ali.alaeldine@eseo.fr">ali.alaeldine@eseo.fr</a>	Y
Jose Chilo	University of Gaule, Italy	<a href="mailto:jco@hig.se">jco@hig.se</a>	Y
Roy Lawson	US Army AED	<a href="mailto:roy.lawson@amrdec.army.mil">roy.lawson@amrdec.army.mil</a>	
Jason Cocker	National Inst. of Standards & Tech.	<a href="mailto:Jason.cocker@nist.gov">Jason.cocker@nist.gov</a>	
Chad Kiger	AMS Corp.	<a href="mailto:ckiger@ams-corp.com">ckiger@ams-corp.com</a>	
Greg Tait	NSWC Dahlgren	<a href="mailto:gregory.tati@navy.mil">gregory.tati@navy.mil</a>	
K. Franck Schuppius	Northrup Gruman	<a href="mailto:kokouvi.schuppius@ngc.com">kokouvi.schuppius@ngc.com</a>	
Jean Torchenot	Northrup Gruman	<a href="mailto:jean.torchenot@ngc.com">jean.torchenot@ngc.com</a>	
Chuck Bunting	Oklahoma State University	<a href="mailto:cbunting@yahoo.com">cbunting@yahoo.com</a>	

H.R. Hofmann	Hofmann EMC Engineering	<a href="mailto:hrhofmann@tt.net">hrhofmann@tt.net</a>	Y
Valter Mariani Primian	University of Ancona, Italy	<a href="mailto:v.mariani@univpm.it">v.mariani@univpm.it</a>	
Petre-Marian Nicolae	University of Craiova, Romania	<a href="mailto:pnicolae@elth.ucv.ro">pnicolae@elth.ucv.ro</a>	
Shaik Raz	ITL, Israel	<a href="mailto:sraz@itl.co.il">sraz@itl.co.il</a>	
Vignesh Rajaniani	Oklahoma State University	<a href="mailto:vignesh.rajaniani@okstate.edu">vignesh.rajaniani@okstate.edu</a>	
Roy Long	L-A-B	<a href="mailto:rlong@l-a-b.com">rlong@l-a-b.com</a>	

NOTE: Those attendees not presently members of the committee will be added to the membership list and the mailing list, for one (1) year. If they are active during that year or expressed the desire to retain their membership, they will continue for another year. They will receive all TC-2 minutes as well as agendas.

- 2.0 The members present approved the meeting minutes of the 18 August 2009 meeting in Detroit, Michigan, with minor changes.
- 3.0 Members voted affirmatively to keep the same officers elected in 2008
- 4.0 Chair, Don Heirman, discussed membership criteria explaining membership to this technical committee. All people attending are members for one year. It was noted that the TC-2 committee received 49 papers for review, with a reject rate of approximately 20%. TC-2 had the most second review papers with 19. Of that number all but 2 were rejected. Papers for 2011 must be submitted between 01 November 2010 and 15 January 2011. Paper review will start after that date.
- 5.0 All iNARTE TC-2 exam questions have been reviewed, decisions made on retaining them, improvements suggested, and then processed back to iNARTE.
- 6.0 Standards activity was discussed and members given an update on status of all EMCS Standards Development Committee standards, many of which are measurements based and hence coordinated as needed with TC2.
- 7.0 It was noted that TC-2 has sponsored five sessions at the symposium. TC2 provided the session chairs for these and also the chair for one special tutorial on basic EMC measurements on Friday.
- 8.0 Areas of discussion:
  - 8.1 Broad-Band over Powerline issue appears to be going away as a hot topic. It was noted that the next very hot topic is the Smart Grid implementation. This is a world wide issue. The TAC is considering the issue of making the Smart Grid a separate technical committee. Sec Note: This became a special committee of the TAC at its meeting on Friday morning
  - 8.2 Members discussed the need for session chairs, and/or co-chairs, for the TC-2 technical sessions at the 2011 convention. Don Heirman to secure more members to fill these positions as required.
  - 8.3 John Mass requested that the Reverberation EMC Workshop be expanded to one (1) full day.
- 9.0 IEEE Symposium 2011
  - 9.1 Location for the 2011 EMC Technical Committee 2 (TC-2) meeting will be at the EMC society symposium at the Long Beach, California, convention center August 14-19, 2011.
- 10.0 Meeting concluded at 0901 hours.

Clifford E. Hauser  
Secretary  
IEEE EMC TC-2