

**IEEE EMC Society Standards Meetings
SETCom (Standards Education
and Training Committee)
Report**

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Outline

1. Review of the scope of SETCom
2. Officers
3. Activities After EMC Symposium
in Detroit
4. Propose for Future Work

1. Review of Scope of SETCom

This committee was established to provide formal training opportunities for working groups involved in the development of IEEE EMC standards.

Traditionally, working groups “learned by doing” and via informal exchanges with the EMC Standards Committee and with previous working groups. This occasionally resulted in unnecessary delays and often caused much extra work for the working groups, the chair in particular.

The purpose of the SETCom is to
“develop working group processes to
assure that EMC standards are
prepared in accordance with IEEE
policies and procedures.”

The goals of the committee are to

(1) prepare and conduct seminars for Working Groups on the development, coordination, balloting, and support of IEEE EMC standards, and

(2) enhance the awareness of IEEE EMC standards throughout the EMC community and demonstrate how these standards can be effectively applied to the development, production and use of equipment and systems.

To accomplish these goals, SETCom develops guidelines for working groups, illustrates and clarifies IEEE standards development and adoption requirements, prepares information materials on IEEE EMC standards, and coordinates standards educational activities with the EMC-S Education Committee.

The SETCom expects to periodically organize and present seminars at the annual symposium on the requirements and recommended procedures for active and newly formed working groups, and when appropriate, take the lead in organizing special sessions on standards at the symposium.

2. Officers in SETCom

Chair: Qiubo Ye, CRC (appointed Nov. 2005)

Vice Chair: Johan Catrysse, Lab for EMC,
KHBO, Belgium (appointed Jun. 2006)

Secretary: Jinliang He, Tsinghua University,
Beijing, China (appointed Oct. 2006)

3. Activities After EMC Symposium 2008 in Detroit

- Many potential authors were contacted and asked to contribute to the IEEE EMC Newsletters.
- The article below will appear in the next issue: IEEE Std. P1302: A guidance document for the characterisation of shielding gaskets, Johan Catrysse, Laboratory for EMC, KHBO, Belgium

- SETCom started in Nov. 2008 and proposed in Jan. 2009 the EMC Standards Workshop in IEEE EMC Symposium 2009.
- The Workshop was proposed jointly by SETCom and ESAC.
- Johan contacted some potential speakers in Europe and Qiubo contacted potential speakers in North America.
- This proposal has been approved in Feb.

The speakers for EMC Standards Workshop in EMC Symposium 09 and the titles of presentations are as follows.

EMC Standards Workshop: Developing EMC Standards

- **(1). Introduction and Activity of Major International EMC Standards Committees**
- Donald N. Heirman, NCE, Don HEIRMAN Consultants, Lincroft, New Jersey, USA
- **(2). SE Measurements of “Small” Enclosures: Status of PIEEE 299-1**
- Maria S. Sarto, University of Rome, "La Sapienza", Italy
- **(3). Getting Involved with Standard Working Groups**
- Kermit Phipps, EPRI, Knoxville, TN, USA

- **(4). P1302: State of the Art in Characterizing Conductive Gaskets**

Johan Catrysse, KHBO - FMEC Laboratory for Global Reliability, Zeedijk 101, B-8400 Oostende, Belgium

- **(5). The Development of HPEM Standards in the International Electrotechnical Commission (IEC)**

William A. Radasky, Metatech Corporation, Goleta, CA, USA

- **(6). The Effects on the SE of Small Enclosures due to Dissipative contents such as PCBs - Implications for the Measurement of SE**

Andrew C. Marvin, University of York, York, UK

- **(7). Brief on Standard 1688 and its developing process**

Fred Heather, JSF Electromagnetic Environmental Effects Lead, Patuxent River, MD, USA

◇ After the proposal was accepted, Qiubo has passed all necessary information to the speakers of the Workshop so that they will prepare their presentation materials on time (before May 1, 2009).

4. Propose for Future Work

1. Continue organizing the Workshop to ensure every speaker upload presentations on time;
2. Continue to request dedicated articles for the Newsletters;

3. Create a web page, when clicking onto the standards link of the EMCS where there is an overview of all actual active IEEE EMC standards and provide a "preview", with the scope of each standard; and
4. Start to produce a SETCom operation procedures.

**Acknowledgement and
Thank you!**