

## Commission E (Electromagnetic Noise and Interference) Activity Report

July 2013 - October 2013

### Domestic academic activities:

The Technical Committee on Electromagnetic Compatibility (EMCJ) of the Institute of Electronics, Information and Communication Engineers (IEICE) had four regular technical meetings in the period of July 2013 to October 2013 and 64 reports were presented. The first meeting on July 11 was an annual “EMCJ Young Researchers’ Presentation Meeting” (<http://www.ieice.org/cs/emcj/jpn/events/wakate/>) co-sponsored by the Technical Committee on Electromagnetic Characteristics (TC-EM) of Japan Institute of Electronics Packaging (JIEP), where 12 reports were presented. The technical meeting on October 24 – 25 was co-sponsored by the Technical Committee on EMC of the Institute of Electrical Engineers of Japan (IEEJ TC-EMC) (<http://emc.eei.eng.osaka-u.ac.jp/~emc/en/>). Selected special topics for the monthly meetings were EMC and electric discharge, EMC in printed circuit boards and packages, biomedical issues, etc. The following “Special Talks” were presented;

- ( 1 ) Dr. Naoto Oka, “EMC Technology Applied to Various Electronic Products Containing Large-sized Apparatus and Small Communication Facilities”
- ( 2 ) Prof. Miki Haseyama, "Value Creation from Big Data – Image Retrieval for Enhancing Serendipity -"
- ( 3 ) Prof. Masahiro Yamaguchi, “Magnetic Materials and IC Chip Level EMC”  
( <http://www.ieice.org/ken/program/index.php?instsoc=IEICE-B&tgid=IEICE-EMCJ> )

### International Conferences and Meetings:

The following conference and symposium related to EMC were held;

1. “2013 International Symposium on Electromagnetic Compatibility”, Aug. 5-9, 2013 Denver, Colorado. (<http://www.emc2013.org/>)
2. “EMC Europe 2013”, Sept. 2-6, 2013, Brugge, Belgium. (<http://www.emceurope2013.eu/>)

### Future International Conferences and Meetings:

3. “2013 IEEE Electrical Design of Advanced Packaging & Systems Symposium (EDAPS 2103)”, Dec. 12-14 & 15, 2013, Nara, Japan. ( <http://www.edaps2013.org/> )
4. “The 9th International Workshop on Electromagnetic Compatibility of Integrated Circuits (EMC Compo 13)”, Dec. 15-18, 2013, Nara, Japan. (<http://www.emccompo2013.org/> )
5. "2014 Global Symposium on EMC, Safety and Product Compliance Engineering (GLOBESPACE2014)", March 3-6, 2014, Tel-Aviv, Israel. (<http://www.globespace.org> )
6. “2014 International Symposium on Electromagnetic Compatibility, Tokyo (EMC’14/Tokyo)”.  
It is a symposium of periodically held every five years in Japan. This will be held in May 13-16, 2014 in Tokyo. More than 450 audiences and 200 presentations are expected.  
( <http://www.ieice.org/~emc14/> )
7. “2014 International Symposium on EMC”, August 3-8, 2014, Raleigh, NC USA.  
( <http://www.emc2014.org/> ).

Commission E