

EMC-Zurich in Singapore 2006 Attendance Report

Purpose of Attendance

The purpose of the attendance is to report on the progress of VCCI's industry self-regulation in Japan at "EMC in Asia Session" of the 17th EMC Zurich in Singapore 2006.

Members Attended

Akihisa Sakurai, Chair of VCCI Steering Committee/IBM Japan

Shinichi Ohtsu, Member of Technical Subcommittee/Fujitsu

Haruyoshi Nagasawa, Executive Director/VCCI

Hereinafter, titles are omitted from names.

Time Schedule

March 1 through 3, 2006

Summary of 17th EMC Zurich in Singapore

As there is a move to integrate EMC-related symposiums in Europe, EMC Zurich is planning to hold its symposium regularly in Asia in the future. In this symposium held in Singapore, "EMC in Asia Session" was held to encourage active participations from Asian countries. This symposium was attended by around 450 participants.

There were 35 exhibition booths and we received the impression that they were considerably less intense than those of the IEEE Symposium held in Taipei last December.

Maybe because this symposium was hosted by EMC-Zurich, the number of participants from Europe was larger than that of the symposium held in Taipei.

Reports from VCCI at Session

At EMC in Asia Session, VCCI reported on two matters.

(1) Progress of VCCI's Industry Self-Regulation in Japan and a Look to the Future

Sakurai, VCCI

Explained the progress of industry self-regulation by VCCI in Japan. After giving the lecture, he was asked two questions.



Lecturer



A scene at the venue

(2) Analysis of Correction Factor for Site Attenuation

Shinichi Ohtsu, VCCI/Fujitsu

Announced the development of VCCI's Antenna Calibration WG. The latest version of ANSI standard also introduced the factor of wideband antenna. Received the comment that a comparative evaluation between the two should be conducted.



Lecturer

Impression

Regarding the contents of presentations at technical sessions, there were some sessions that won attention such as Modeling of IC (hosted by Professor Wada at Kyoto University), but those of which the purpose of research or the line of research in the future were not clear were found here and there. Therefore, the levels of sessions were not necessarily high on the whole.

From the participants of several countries, we received the opinion that they had a desire to take the scheme established by VCCI as a model in establishing the framework for EMI regulations in the future. And the participants from France attended via Bangalore in India. Talking about Bangalore, it is recognized in Japan as a base of Indian software industry. Recently however, it is getting to cover hardware also. Therefore, it seems that a VCCI member will appear there in the not-so-distant future. We felt the necessity to keep paying attention to this line of progress also.

Supplement

1) Sessions

The main sessions during the three-day program were as follows:

March 1

Keynote Speech

1) Terahertz Applications for Outer and Inner Space

Dr. Peter Siegel California Institute of Technology, USA

Introduced not only the communication using the terahertz frequencies, but also about a wide range of application possibility including the imaging system also.

2) The Potential of EMC in a Seamless Mobility Environment

Rob Shaddock CTO for Mobile Devices, Motorola, USA

Motorola's PR on the strategy to realize ubiquitous (The same contents as IEEE Chicago)

- Automotive EMC
- EMC AT PCB Level: Practical Cases
- EMC Management & Standards
- Wireless Communication EMC

March 2

- IC EMC Modeling(Invited)

March 3

- EMC in Asia
- EMC Testing Facility

2) Exhibits

The number of booths run was 35 and their scales were pretty small, but high number of exhibits from Europe attracted our attention.

