

Call for Papers

IEICE Special Section on 2nd Pan-Pacific EMC Joint Meeting –PPEMC’ 06–

The IEICE Transactions on Communications announces a forthcoming IEICE Special Section on 2nd Pan-Pacific EMC Joint Meeting –PPEMC’ 06– to be published in **June 2007**.

Dissemination of the high-speed and wide-band telecommunication network has accelerated to raise the Electromagnetic Compatibility (EMC) problems to the function of communication equipment, such as cellular phone and W-LAN *etc.* Study issues on EMC technologies on the equipment and system in the *Ubiquitous* network have been raised.

The objective of this Special Issue is to discuss technical issues on EMC which provides next generation EMC design, EMC evaluation, EMC simulation and EMC mitigation techniques, and to discuss problems on the EMC test and measurement techniques. Suggested topics should be focused on EMC technologies presented in the 2nd Pan-Pacific EMC Joint Meeting –PPEMC’ 06–.

- EMC Measurement Techniques, EMC test Facilities
- System-Level EMC, Vehicle Electronics
- Chip and Package Level EMC, PCB and Circuit Design for EMC Control
- Coupling and Crosstalk, Transmission Lines and Cables, Interconnect
- Immunity/Susceptibility
- ESD, Lightning and Transients
- EM Absorber, Shielding and Grounding
- Numerical Modeling and Simulation
- Biological Effects and Safety
- EM Environment Measurement
- Power System EMC and Power Line Communication (PLC)
- Communication System EMC
- EM-Wave Propagation and Scattering
- Near-field Probe and sensor, EMI Antenna
- Standards and Regulations

The submitted papers will be reviewed by referees according to the ordinary rules of the Transaction Editorial Committee. Submission should be made according to the guidance given at the Web: [http://www.ieice.org/eng/shiori/mokuji_cs.html]. Prospective authors are requested to submit four copies of complete manuscript, the length of which is recommended to be 6 printed pages, on or before **August 18, 2006** to the submit form. “Special Section on 2nd Pan-Pacific EMC Joint Meeting –PPEMC’ 06–” should be on the top of the first page in red ink. Papers received after the deadline will not be accepted. **[IMPORTANT NOTICE] At least one of the authors must be an IEICE member when the manuscript is submitted for review. Invited papers are an exception.**

1. Submit papers using the IEICE Web site https://review.ieice.org/regist_e.aspx. The acceptable format of the file is PDF file. Other any files, e-mail submission, and postal mail are NOT acceptable. Authors should choose the [Special-EB] 2nd Pan-Pacific EMC Joint Meeting –PPEMC’ 06– as a “Type of Issue/Category of Transactions” on the online screen. Do not choose [Regular-EB] Communications or other special sections.
2. “Copyright Transfer and Page charge Agreement” and “Confirmation Sheet of Manuscript Registration” must be sent by postal mail to the following address (secretariat of this issue). Please mark “Special Section on 2nd Pan-Pacific EMC Joint Meeting –PPEMC’ 06–” on the envelope.

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