

Call for Papers

----- Special Section on Advanced Electromagnetic Compatibility Technology in Conjunction with Main Topics of EMC'09/Kyoto -----

The IEICE Transactions on Communications announces that it will publish a special section entitled "Special Section on Advanced Electromagnetic Compatibility Technology in Conjunction with Main Topics of EMC'09/Kyoto" in **July 2010**.

As the development of advanced information society, various electric equipment and information communication equipment, which are employing high-speed digital techniques, are being widely used for the industry and also in the home. In addition to the present radio communication systems such as mobile phones and wireless LANs, various new systems such as Bluetooth, UWB, etc. are also being developed toward the realization of ubiquitous network society. In this background, the electromagnetic compatibility (EMC) technology is important not only to maintain the quality of the equipment and systems but also to assure the safety between the equipment / systems and the human. EMC engineers in the world are therefore working towards this direction. The 2009 International Symposium on Electromagnetic Compatibility (EMC'09 / Kyoto), to be held in Kyoto in July 2009, will discuss many these related problems. Because of such reasons, a special section is being planned (scheduled to appear in the July 2010 issue) to further promote the development of the EMC technology. The special section solicits paper submission particularly from but not restricted to, researchers who presented their original works in the EMC'09/Kyoto.

1. Scope

This special section aims at timely dissemination of research in all EMC areas. Possible topics include, but are not limited to:

- EMC measurement technique, EMC test facilities
- system level EMC
- chip and package level EMC
- PCB and circuit design for EMI control
- transmission lines and cables
- immunity / susceptibility
- ESD and transients
- shielding and grounding, EM absorber
- communication system EMC, power system EMC
- biological effects and safety

2. Submission Instructions

The standard number of pages is 8 for a PAPER and 2 for a LETTER. The maximum number of pages for the initial submission of a LETTER is 4. The page charges are considerably higher for extra pages. Manuscripts should be prepared according to the guideline in the "Information for Authors". The latest version is available at the web site, http://www.ieice.org/eng/shiori/mokuji_cs.html. The term for revising the manuscript after acknowledgement of conditional acceptance for this special section could be shorter than that for regular issues (60 days) because of the tight review schedule.

This special section will accept only papers by electronic submission. Prospective authors are requested to follow carefully the submission process described below.

1. Submit a manuscript using the IEICE Web site https://review.ieice.org/regist_e.aspx. Authors should choose the [Special-EB] Advanced Electromagnetic Compatibility Technology in Conjunction with Main Topics of EMC'09/Kyoto as a "Type of Issue (Section)/Category of Transactions" on the online screen. Do not choose [Regular-EB].
2. Send "Copyright Transfer and Page Charge Agreement" and "Confirmation Sheet of Manuscript Registration" by E-mail, FAX or postal mail to the following address (guest editor of the special section) **by November 1st, 2009**. There is a possibility that we shall withdraw the manuscript without receiving them **by November 1st, 2009**, even if we have received the manuscript by electronic submission. For additional guidelines on manuscript preparation, please visit the web-page: http://www.ieice.org/eng/shiori/mokuji_cs.html

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3. Special Section Editorial Committee

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* Please note that if accepted, all authors, including authors of invited paper, are requested to pay for the page charges covering partial cost of publications. Authors will receive 50 copies of reprints.

* At least one of the authors must be an IEICE member when the manuscript is submitted for review. Invited papers are an exception. We recommend that authors unaffiliated with IEICE apply for membership. For membership applications, please visit the web-page, <http://www.ieice.org/eng/member/OM-appli.html>