

Call for Paper

Special Section on Multi-dimensional Mobile Information Networks

The IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences announces a forthcoming section on Multi-dimensional Mobile Information Networks to be published in **October, 2010**.

Mobile information networks are called upon to be multifarious in multi-dimensions to accommodate the personalization and diversification of "who (users), what (terminal equipment and multimedia), when (time), where (location and distance), and how (information quality and quantity)" in information network services. Multidisciplinary and comprehensive approaches including fundamental research are required to make the future mobile information networks effective and, as a result, the networks would provide more satisfaction to the end users. Such approaches include, transmission systems, network architectures and control methods, evaluation and control of traffic, and other issues.

1. Scope

This special section is aimed at timely dissemination of researches in these areas. Possible topics include, but are not limited to:

- network theory and mobile communications
- channel assignment methods
- evaluation and control of traffic in mobile networks
- wireless access technology
- internetworking of wired and wireless networks
- location-dependent applications
- virtual home environment
- multi-hop wireless networks
- cognitive wireless networks
- network control in mobile networks
- traffic theory in mobile networks
- wireless multimedia system
- mobile computing
- mobile/wireless internet
- wireless QoS
- mobile agents
- ad hoc networks

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)

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 and electronic source files (TeX/Word files, figures, authors' photos and biography) for publishing using the IEICE Web site https://review.ieice.org/regist_e.aspx by **February 26, 2010**. Authors should choose the [Special-EA] Multi-dimensional Mobile Information Networks as a "Type of Issue (Section)/Category of Transactions" on the online screen. **Do not choose [Regular-EA]**.
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 the above due date. There is a possibility that we shall withdraw the manuscript without receiving them by the due date, 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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* 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/member/OM-appli.html>