

Call for Papers

—*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 **July, 2006**. 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. 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
- 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

The lengths of a paper and a letter are recommended within 8 and 2 printed pages, respectively. Please refer to Information for Authors <<http://www.ieice.org/eng/shiori/mokuji.html>> for a format and a style. Prospective authors are encouraged to submit an electronic version of original manuscript (PDF format) to the secretary <kawakami@netlab.nttdocomo.co.jp> by e-mail. Please send a Confirmation Sheet <<http://www.ieice.org/eng/shiori/sheet.html>> and a Copyright Transfer Form with authorized signature to the secretary by postal mail.

The dead line for paper submission is **October 25, 2005**.

Do not hesitate to ask any questions concerning this publication to the following Secretary:

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NOTE:

* For the submission to this Special Section, at least one author of each paper must be a member of the IEICE. We strongly recommend that all authors apply for our membership. Invited papers are an exception. For membership applications, please visit the web-page:

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