

Call for Papers

Special Section on **Next-Generation Mobile Multimedia Communications**

The IEICE (Institute of Electronics, Information and Communication Engineers) Transactions on Communications announces a forthcoming special section on Next-Generation Mobile Multimedia Communications to be published in **October 2008**.

The recent growth of 3/3.5G cellular networks, mobile WiMAX, and wireless LANs have enabled us to use high-end mobile multimedia services like mobile Internet, mobile high-definition TV, etc. In order to support such emerging mobile multimedia services, advanced technologies in mobile terminal design, network and application services should be necessary. In pursuing these, Mobile Multimedia Communications (MoMuC) Technical Committee of the IEICE has been concentrating on discussing mobile technologies and applications in collaboration with related technical committees as IN, CQ, and so on. In this year, considering the advent of ultrahigh-speed mobile networks, such as IMT-Advanced, we will especially focus on the convergence or fusion of different technologies; mobile networking, ubiquitous networking, broadcasting, and home networking. Last time we planned the special section on Mobile Multimedia Communications in October 2006, we had 56 paper submissions not only from Japan, but also from China, Korea, Taiwan, Europe and the U.S., reflecting the deep interest in these technology areas.

So, the Technical Committee on MoMuC of the IEICE plans a special section on Next-Generation Mobile Multimedia Communications (to be published in October 2008), with the purpose of accelerating research activities on advanced mobile multimedia communication.

1. Scope

We invite technical papers contributing to the advancement of mobile multimedia services, especially on novel efforts on integrating various media under various user environments. Suggested topics including but not limited to the following:

- Mobile terminal technologies
Mobile Multimedia Terminal
- Mobile network technologies
All IP Mobile Network, Cooperation between Mobile and Ubiquitous/Sensor Technologies, Multimedia Mobility Support, Mobile Multicast/Broadcast Network, Home Networking, Mobile Multimedia QoS, Mobile Security, Ad hoc Network
- Mobile application and service level technologies
Mobile Visual Communications, Mobile Multimedia Processing, Context/Location-aware Service, Mobile Contents, Contents Security on Mobile, Mobile Multimedia Application, Broadcast and Mobile, ITS

Note: As a selection criterion, all the papers shall address both *multimedia* and *mobile* aspects. The papers mainly focusing on *pure Radio/Wireless technologies* are, in principle, *out of scope* of this call for papers.

2. Submission Instructions

The deadline for submission is **December 18, 2007**. Manuscript should be prepared according to the guideline given in the "Information for Authors". The latest version of it is available at the web site, http://www.ieice.org/eng/shiori/mokuji_cs.html. The length of the paper should not exceed 8 printed pages in principle. The term for revising the manuscript after acknowledgement of conditional acceptance for this special section could be shorter than that for other issues (60 days) because of the tight review schedule. In this special section, only the electric submission is adopted. Prospective authors are requested to follow carefully the submission process described below.

1. Submit papers using the IEICE Web site https://review.ieice.org/regist_e.aspx. E-mail submission, and postal mail are NOT acceptable. Authors should choose the [Special-EB] Next-Generation Mobile Multimedia Communications 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) by **December 18, 2007**. Please mark "Special section on Next-Generation Mobile Multimedia Communications" on the envelope.
3. Please note that editorial committee will strictly keep the deadline for paper submission. In case if you are not sure whether your paper submission by uploading via Web could succeed or not, please confirm it by contacting a secretariat.

Ryoichi Shinkuma,
Graduate School of Informatics, Kyoto University,
Yoshida-honmachi, Sakyo-ku, Kyoto, 606-8501, Japan
Phone: +81-75-753-3556, FAX: +81-75-753-4986, E-mail: shinkuma@i.kyoto-u.ac.jp

3. Special Section Editorial Committee

Guest Editor-in-Chief: Tomoyuki Ohya (NTT DoCoMo)

Guest Editors: Ryoichi Shinkuma (Kyoto Univ.), Akira Yamaguchi (ATR)

Guest Associate Editors: Wataru Kameyama (Waseda Univ.), Eiji Kamioka (Shibaura Institute of Tech.), Daisuke Morikawa (KDDI R&D Labs.), Shigeaki Tagashira (Kyushu Univ.), Masakatsu Ogawa (NTT), Susumu Ishihara (Shizuoka Univ.), Katsunori Yamaoka (Tokyo Institute of Tech.), Susumu Yoshida (Kyoto Univ.), Miki Yamamoto (Kansai Univ.), Takashi Miyazaki (NEC), Masaki Minami (Shibaura Institute of Tech.), Minoru Okada (NAIST), Hideshi Murai (Ericsson), Toshihiro Suzuki (NTT DoCoMo)

* 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>