

Call for Papers

Special Section on Information and Communication Technologies for Next-generation Mobile Multimedia Life

The IEICE Transactions on Communications announces that it will publish a special section entitled "Information and Communication Technologies for Next-generation Mobile Multimedia Life" in **March 2011**.

The recent growth of 3/3.5G-4G cellular networks, mobile WiMAX, and wireless LANs have enabled us to use high-end mobile multimedia services like high-speed mobile Internet, mobile IPTV, etc. In order to support such emerging mobile multimedia services, advanced technologies in mobile terminal design, network and application services would be necessary. Considering the advent of ultrahigh-speed mobile networks, such as IMT-Advanced, the convergence of mobile communication and information technologies (e.g. fusion of communication and broadcast technologies, FMC, etc.) is one of the most significant concepts which enrich the next-generation mobile multimedia life. Therefore, the Technical Committee on Mobile Multimedia Communications (MoMuC) of the IEICE plans a special section on Information and Communication Technologies for Next-generation Mobile Multimedia Life (to be published in March 2011), 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. Papers are solicited from, but not limited to the following topics:

- (1) Terminal technologies: Mobile Multimedia Terminals, Open Mobile Terminal Platform
- (2) Network technologies: Mobile Network Architecture, Cooperation between Mobile and Ubiquitous/Sensor Technologies, Multimedia Mobility Support, Mobile Multicast/Broadcast Networks, Mobile-controlled Home Networking, Mobile Multimedia QoS, Mobile Security, Mobile Peer-to-Peer Networks, Mobile Content Delivery Networks
- (3) Application technologies: Mobile Visual Communications, Mobile Multimedia Processing, Mobile Contents, Contents Security on Mobile, Mobile Multimedia Applications, Mobile Broadcast, Vehicular Multimedia Communications
- (4) Service level technologies: Context/Location-aware Services, Estimation of Mobile User's Behaviors, Service Measurement and Management for Mobile Communications

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 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. 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 **June 18, 2010**. Authors should choose the [Special-EB] Information and Communication Technologies for Next-generation Mobile Multimedia Life 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 postal mail, or send scanned data of these documents by email 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. Please mark 'Special Section on Information and Communication Technologies for Next-generation Mobile Multimedia Life' on the envelope.

Submission to: Hiroaki Morino, Communications Engineering, Department of Engineering, Shibaura Institute of Technology

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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>