

Call for Papers

--- Special Section on Information and Communication Technology for Medical and Healthcare Applications in Conjunction with Main Topics of ISMICT2013 ---

The IEICE Transactions on Communications announces that it will publish a special section entitled "Special Section on Information and Communication Technology for Medical and Healthcare Applications in Conjunction with Main Topics of ISMICT2013" in **March 2014**. Recently information communication technologies for medical and healthcare applications have been recognized as an emerging area in an ageing society. In February 2012, the IEEE 802.15 task group (TG) 6 for body area networks (BAN) has finalized a standard for various short range wireless applications in the vicinity of humans. The BAN commercial products are being developed and currently coming out to the market. The 2013 International Symposium on Medical Information and Communication Technology (ISMICT2013) will be held in Tokyo, Japan during March 6~March 8, 2013, which aims at providing an international forum for exchanging information on recent progress of research and development in information and communication technology in medical and healthcare applications. In conjunction with main topics of ISMICT2013, the special section is planned to publish papers on the related fields. The special section particularly calls for submission from, but not limited to, the authors of ISMICT2013.

NOTE: IEEE owns the copyrights to all papers in the proceedings of ISMICT2013. For copyright compliance, do not submit a paper including content identical or extremely similar to material appeared in ISMICT2013. For detail, please see the "Information for Authors" (http://www.ieice.org/eng/shiori/mokuji_cs.html). **The accepted papers in this IEICE Special Section will be published in IEICE Transactions Online, but not included in the IEEE Xplore.**

1. Scope

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

- Body area network technology; PHY, and MAC
- Medical sensor networks; multi-hop, relay and cooperative data transmission
- High reliability techniques; Latency and QoS support
- Wearable and implant device technologies
- Human body communications (HBC)
- E-Health system and medical data information services
- Healthcare remote monitoring and wireless medical telemetry services
- Cloud computing and networking for health care services.
- Antennas and radio propagation in BAN
- Ranging and geolocation

2. Submission Instructions

The standard number of pages is 8; 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 and electronic source files (TeX/Word files, figures, authors' photos and biography) via the IEICE Web site https://review.ieice.org/regist_e.aspx **by July 1 2013 (JST)**. Authors should choose the [Special-EB] Information and Communication Technology for Medical and Healthcare Applications in Conjunction with Main Topics of ISMICT2013 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 the above due date. We may withdraw the submission if these documents have not been received by the due date, even if the manuscript has been received by electronic submission. For additional guidelines on manuscript preparation, please visit: http://www.ieice.org/eng/shiori/mokuji_cs.html.

Send the above documents to:

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3. Special Section Editorial Committee

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* Please note that if the submitted paper is accepted, all authors, including authors of invited papers, are requested to pay for the page charges covering partial cost of publications. Authors will receive 50 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: <http://www.ieice.org/eng/member/OM-appli.html>