Call for Papers -
Special issue on Wireless Body Area Networks
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Wireless Body-area Networks
The last decade has witnessed the convergence of three giant worlds: electronics, computer science and telecommunications. The next decade should follow this convergence in most of our activities with the generalization of sensor networks. In particular with the progress in medicine, people live longer and the aging of population will push the development of wireless personal networks (WPAN) and wireless body area networks (WBAN), as more and more people will prefer not to go to hospital, should it be for convenience or for cost reasons. The recent advances in wireless technology have helped the development of wireless body area networks (WBAN), where a set of communicating devices gathered in/around a human body can communicate in an ad-hoc way. These devices are connected to sensors which monitor movements and vital body parameters. The WBAN have also been considered for sports and entertainment and thus, they are not only dedicated to medical and healthcare applications. The techniques involved are the latest emerging ones developed for general ad-hoc networks with a special attention to energy and reliability concerns due to the human lives that are involved.

For all these reasons, we solicit contributions for a Feature Topic on “Wireless Body Area Networks” scheduled for February, 2015.

SCHEDULE
Submission Deadline: October 1, 2014
Acceptance Notification (1st round): November 1, 2014
Minor Revision Due: November 20, 2014
Final Decision Due: December 5, 2014
Final Manuscript Due: December 20, 2014
Publication Date: February 15, 2015

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TOPICS OF INTEREST INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
1. Channel model for BAN
2. Embedded Medical Devices
3. Security issues of BAN
4. Emerging self-powered BAN
5. Protocols for WBAN
6. Network coding in WBAN
7. Relay technology in WBAN
8. Interference management in WBAN
10. BAN communications in standard

SUBMISSION GUIDELINES
This feature topic “Wireless Body Area Networks” seeks original, UNPUBLISHED research papers reporting substantive new work in various aspects of topics above. Papers MUST clearly indicate your contributions to the topic field and properly cite related work in this field.

Papers should be submitted in two separate .doc files (preferred) or .pdf files: 1) Main Document (including paper title, abstract, key words, and full text); 2) Title page (including paper title, author affiliation, acknowledgement and any other information related with the authors’ identification) through the Manuscript Central. Please register or login http://mc03.manuscriptcentral.com/chinacomm, then go to the author center and follow the instructions there. Remember to select “Feature Topic: Body-area Network, February Issue, 2015” as your manuscript type when submitting; otherwise, it might be considered as a regular paper. Each submission must be accompanied by the following information:
● an abstract of about 150 words
● 3-8 keywords
● Original photographs with high-resolution (300 dpi or greater); esp. or tif. format is preferred
sequentially numbered references. The basic reference format is: [#]LEE W,

- brief biographies of authors (50-75 words)
- contact information, including email and mailing addresses

Please note that each submission will normally be approximately 4500 words, with no more than 20 mathematical formulas, accomplished by up to 10 figures and/or tables.

ABOUT CHINA COMMUNICATIONS

China Communications (ISSN 1673-5447) is the only English-language magazine of communications field in China. It is officially published monthly by the China Institute of Communications (CIC) towards research institutes, universities, enterprises and governmental authorities in the field of Information and Communications Technologies (ICTs) all over the world.

Aiming at promoting worldwide exchange in the ICTs sector, a Memorandum of Understanding has been conducted in November, 2011 by and between CIC and the IEEE Communications Society (ComSoc); both parties are committed to publishing high-quality papers in China Communications to contribute to the global ICTs industry starting from January 2013. The publication will provide instant access to the latest articles and papers presenting leading-edge development of academic research as well as significant technical evolutions in practice.

China Communications has been included in the THOMSON REUTERS MASTER JOURNAL LIST (formerly known as ISI "Philadelphia List"), namely SCIE (Science Citation Index-Expanded) index since January, 2007. It has also been included in Scopus database since January, 2009. In addition, all articles have been available in the IEEE Xplore beginning January, 2013.