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IWSDA'09

The Fourth International Workshop on Signal Design and Its Applications in Communications

October 19 –23, 2009, Fukuoka, Japan

CALL FOR PAPERS
***** Submission Deadline is extended ! *****

The Fourth International Workshop on Signal Design and its Applications in Communications (IWSDA'09) will be held at Fukuoka International Congress Center, Fukuoka, Japan from **October 19-23, 2009**. The workshop IWSDA was started in September 2001, and then held in Yamaguchi, Japan, and in Chengdu, China in 2005 and 2007, respectively. The aim of these workshops is to foster fruitful interactions among signal designers, coding theorists, cryptographic researchers, and communications practitioners from all over the world.

Topics
Discrete signal design plays a very important role in widespread applications, such as spread spectrum, code division multiple access, cryptography, channel estimations, synchronization, optimal detections, etc. The topics of this workshop include, but are not limited to, the following:

- New Concepts in Signal Design
- Discrete Signal Designs and Characteristics
- Theoretical Signal Bounds
- Signal design and Finite Fields/Rings
- Randomness of Signals
- Multi-dimensional Signal Design
- Signal Acquisition and Tracking
- Spread-Spectrum and CDMA Applications
- Sequences and Cryptography
- Sequences and Error Control
- Approximately Synchronous CDMA Systems
- GPS and Other Positioning Signals
- Signals for UWB/OFDMA /Powerline Systems
- Signals for Multiple-terminal/Radar Systems
- Channel Estimation, Detection & Synchronization
- DSP/FPGA/ASIC Implementation Issues

Important Deadlines
- Manuscript submission: July 3, 2009
- Acceptance notification: August 7, 2009
- Camera-ready submission: September 4, 2009
- Advanced registration: September 14, 2009

Paper Submission
Papers presenting new results in the above areas are hereby solicited. Each paper converted in **PDF format** should be sent to iwsda09@yamaguchi-u.ac.jp via e-mail **before June 19**. Other file format is not allowed. Each submission must be **at most 4 pages** in length and conform to the double-column IEEE conference proceedings format. More information on paper submission, style files and templates can be downloaded from the Workshop website:

http://www.ca.csse.yamaguchi-u.ac.jp/IWSDA09/

Conference Proceedings
The conference proceedings of IWSDA'09 will be published in English by **IEEE Press** (*IEEE Catalog Number: CFP0925C, ISBN: 978-1-4244-4380-2*) in both printing and CDROM forms. All papers presented in the conference would be included in **IEEE Xplore**. As before, it is also planned to publish the selected papers of IWSDA'09 in a special section of **IEICE Transactions on Fundamentals**.

Further Information
The working language of the Workshop is English. Detailed information about the Workshop, such as the camera-ready submission requirement, preliminary technical program, excursion arrangements will also be posted on the above Workshop website. Inquiries by email should be sent to:

iwsda09-office@tokyo-ct.net