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The Second International Workshop on Sequence Design and its Applications in Communications

CALL FOR PAPERS

IWSDA'05 will be held at the Shimonoseki Conventional Center in Shimonoseki, Yamaguchi, Japan from **October 10 to 14, 2005**. Shimonoseki is a touristic city with beautiful scenery, characteristic culture and an interesting history.

Topics

Sequence design plays a very important role in widespread applications, such as spread spectrum, code division multiple access, and synchronization. The topics of this Workshop include, but are not limited to, the following:

- New Concepts in Sequence Design
- Sequences and Error Control
- Sequences and Cryptography
- Theoretical Sequence Bounds
- Sequences and Fields/Rings
- Randomness of Sequences
- Sequences and Arrays
- Sequence Multi-functionality
- New CDMA System Architectures
- Performance Analysis for CDMA Systems
- Approximately Synchronous CDMA Sys.
- DSP/FPGA/ASIC Design for CDMA Sys.
- Sequences for UWB Systems
- Multiple-terminal System Identification
- Channel Estimation and Receivers
- Modulation, Detection and Synchronization

Important Deadlines

- Extended abstract submission: July 1, 2005
- Acceptance notification: August 1, 2005
- Camera-ready submission: September 1, 2005
- Advanced registration: September 1, 2005

Initial Submission

Original papers in all aspects of sequence design and its applications are solicited. For initial submission, an extended abstract with at most 1000 words in the MS Word or PDF format should be sent to iwsda05program@ca.csse.yamaguchi-u.ac.jp before the submission deadline **July 1, 2005**.

Publication

The camera-ready version of all accepted papers will appear in the conference proceedings, and selected papers will be published in a special issue of the IEICE Transactions on Fundamentals.

Further Information

The working language of the Workshop is English. For further information about the Workshop, such as the camera-ready submission requirement, preliminary technical program, excursion arrangements, please visit the official Workshop homepage at <http://www.ca.csse.yamaguchi-u.ac.jp/IWSDA05/>. Inquiries by email should be sent to iwsda05office@ca.csse.yamaguchi-u.ac.jp.

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