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

September 24-28, 2017, Sapporo, Japan

http://www.ca.csse.yamaguchi-u.ac.jp/IWSDA17/

Call for Papers

The eighth International Workshop on Signal Design and its Applications in Communications (IWSDA'17) will be held at *Hokkaido University*, Sapporo, Japan on September 24 – 28, 2017. The IWSDA workshop series dates back to September 2001 in Chengdu, China, and since 2005 has been held every 2 years in Yamaguchi, Japan, Chengdu, China, Fukuoka, Japan, Guilin China, Tokyo, Japan and Bengaluru, India. The aim of the workshop series is to foster fruitful interactions among signal designers, coding theorists, cryptographic researchers and communications practitioners from all over the world.

Topics
The topics of this workshop include, but are not limited to, the topics listed below:

- Big Data Analysis
- Coding for Communications and Storage
- Coding Theory
- Combinatorial Structures for Code and Sequence Design
- Communication Theory
- Complexity and Computation Theory
- Compressive Sensing and Sparsity

- Cryptography, Privacy and Security
- Data Hiding and Steganography
- Detection and Estimation
- Network Coding and Applications
- Sequences
- Signal Design for Radar
- Signal Processing
- Space-Time Codes
- Wireless Communication and Networks

Important Dates
- ✓ **Manuscript submission:** **April 28, 2017**
- ✓ Acceptance notification: June 30, 2017
- ✓ Camera-ready submission: July 28, 2017
- ✓ Early-Bird registration: August 11, 2017

Paper Submission
Papers presenting new results in the above areas are hereby solicited. Only electronic submissions via the conference website in PDF formats are accepted. Each submission must be at most 5 pages in length and conform to the double-column IEEE conference proceedings format (style file and templates can be downloaded from the conference website).

Conference Proceedings
It is planned to have the conference proceedings of IWSDA'17 published by *IEEE Press*, and included in *IEEE Xplore*. As before, it is also planned to publish the selected papers of IWSDA'17 in the special section of *IEICE Transactions on Fundamentals* (pending approval).

Sponsors
The workshop is planned to be supported by the following technical sponsors (pending approval): IEEE(USA) / IEEE Sapporo Section (Japan) / Engineering Sciences Society (ESS), IEICE(Japan) / Yamaguchi University (Japan) / National Institute of Technology, Tokyo College (Japan)