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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, Bengaluru, India and Sapporo, Japan. 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 | • Data Hiding and Steganography | | • Coding for Communications  and Storage | • Detection and Estimation | | • Coding Theory | • Network Coding and Applications | | • Combinatorial Structures for  Code and Sequence Design | • Sequences | | • Communication Theory | • Signal Design for Radar | | • Complexity and Computation  Theory | • Signal Processing | | • Compressive Sensing and Sparsity | • Space-Time Codes | | • Cryptography, Privacy and Security | • Wireless Communication and Networks |   **Important Dates** ü **Manuscript submission: May 31, 2019** ü Acceptance notification: July 31, 2019 ü Camera-ready submission: August 31, 2019 ü Early-Bird registration: September 20, 2019  **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** The conference proceedings of IWSDA'19 will be published by IEEE Press, and included in IEEE Xplore.  **Sponsors** The workshop is supported by the following technical sponsors: IEEE Guangzhou Section (China), Dongguan University of Technology (China), Southwest Jiaotong University (China), and Peking University Shenzhen Graduate School (China). |