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Wireless Networks,
Information Processing
and Systems

International Multi Topic Conference, IMTIC 2008
Jamshoro, Pakistan, April 11-12, 2008
Revised Selected Papers

Springer
The international multi-topic conference IMTIC 2008 was held in Pakistan during April 11–12, 2008. It was a joint venture between Mehran University, Jamshoro, Sindh and Aalborg University, Esbjerg, Denmark. Apart from the two-day main event, two workshops were also held: the Workshop on Creating Social Semantic Web 2.0 Information Spaces and the Workshop on Wireless Sensor Networks. Two hundred participants registered for the main conference from 24 countries and 43 papers were presented; the two workshops had overwhelming support and over 400 delegates registered.

IMTIC 2008 served as a platform for international scientists and the engineering community in general, and in particular for local scientists and the engineering community to share and cooperate in various fields of interest. The topics presented had a reasonable balance between theory and practice in multidisciplinary topics. The conference also had excellent topics covered by the keynote speeches keeping in view the local requirements, which served as a stimulus for students as well as experienced participants. The Program Committee and various other committees were experts in their areas and each paper went through a double-blind peer review process. The conference received 135 submissions of which only 46 papers were selected for presentation: an acceptance rate of 34%.

This CCIS book contains the revised manuscripts presented at IMTIC 2008. The topics include wireless sensor networks, satellite communication, tracking, grid computing, wireless communication and broadband networks, remote sensing, character recognition, FPGA, data mining, bioinformatics and telemedicine, switching networks, mobile IP, neural networks and neurofuzzy technology, automation and control, speech recognition, renewable energy, legal and ethical issues in IT.

This book presents a collection of excellent multi-topic manuscripts and it will serve as a reference work for researchers and students. This book is believed to be the first by Springer to be published in Pakistan.

July 2008

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