CALL FOR PAPERS

INTERNATIONAL SYMPOSIUM ON WIRELESS SYSTEMS AND NETWORKS (ISWSN’17)

November 19-22, 2017
The University of Lahore, Lahore, Pakistan

The International Symposium on Wireless Systems and Networks (ISWSN) will be held in the University of Lahore’s defence road campus during November 19-22, 2017. The purpose of the symposium is to provide an international forum for cross-fertilization of ideas from academic researchers, practicing engineers and industry representatives in areas related to wireless systems and networks in particular, and allied fields in general. The symposium will include presentations of technical papers and tutorials on issues of contemporary significance in wireless systems and networks, signal processing for communications, and communication related aspects of modern power systems.

SYMPOSIUM TRACKS

5G AND HETEROGENEOUS NETWORKS
- Massive MIMO Systems
- Radio Resource Management in Small Cell Networks
- Algorithms for Power Control
- Context Aware Communication
- Load Balancing in Heterogeneous Networks
- Hybrid Optical Wireless Networks
- Architectures for Cloud Radio Access Systems
- Beamforming for mmWave Communication
- Non-orthogonal Multiple Access Systems
- Coding for Next Generation Wireless Systems

EFFICIENT SPECTRUM UTILIZATION AND COGNITIVE RADIO NETWORKS
- Spectrum Sensing
- Dynamic Spectral Access
- MIMO Cognitive Radios
- Channel Models for Efficient Spectrum Management
- Cross Layer Design Aspects
- Security and Privacy Issues
- Usage of TV White Space
- Compressed Sensing Based Spectral Access
- Game Theory for Cognitive Radio Networks
- Economic Aspects of Spectrum Sharing

COMMUNICATION SYSTEMS SECURITY
- Physical Layer Security
- Quantum Cryptography and Communications Applications
- Security Aspects of Social Networks
- Security in Wired and Optical Systems
- Access Control and Authorization
- Security for Big Data
- Security Aspects of Location Based Services
- Cloud and Distributed Applications Security
- Security for Cyber-Physical Systems
- Security Issues in Device to Device Communication
- Green Communications
- Communication Technologies for Energy Efficient Civil Infrastructure
- Green Mobile Communications
- Energy Efficient Internet-of-Things
- Energy Efficient Heterogeneous Networks
- Energy Cognizant Self-Organized Networks
- Management of Energy Consumption
- Smart Cities
- Smart Sensing
- Green Cloud Computing
- Green Sensor Networks

EMERGING AREAS
- Wireless Power Transfer
- Power Line Communications
- Smart Grids
- Mobile-Edge Computing
- Dynamic Network Virtualization
- E-Health
- Big Data
- Cyber-Security in Electrical Power Stations
- Molecular Communications
- Renewable Energy Sources for Communication and Power Systems

All accepted and presented papers will be published in ISWSN’17 proceedings and submitted to IEEE Xplore® as well as other Abstracting and Indexing (A&I) databases.

For submission guidelines, sponsorship categories, symposium program and other details please visit:
sites.uol.edu.pk/iswsn17

IMPORTANT DATES

SYMPOSIUM DATES
19th-22nd November, 2017 (Sunday to Wednesday)

PAPER SUBMISSION DATE
1st June, 2017

DECISION NOTIFICATION DATE
1st August, 2017

CAMERA-READY PAPER
15th August, 2017
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