



International Conference

On

Wireless Intelligent and Distributed Environment for Communication

WIDECOM 2018

February 16-18, 2018

Organized by



SRM University Delhi-NCR, Sonapat (Haryana)

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ABOUT THE CONFERENCE

SRM University Delhi-NCR, Sonapat (Haryana) is pleased to invite you to submit recent research works/papers to the International Conference on **Wireless, Intelligent, and Distributed Environment for COMMunication (WIDECOM 2018)**, to be held at the SRM University, Delhi-NCR, Sonapat, Haryana, India (February 16-18, 2018). WIDECOM 2018 is technically sponsored by *Springer, New York, USA*.

The WIDECOM 2018 solicits papers addressing issues related to new dependability paradigms, design and performance of dependable network computing and mobile systems, as well as issues related to the security of these systems along with the recent advances in Microwave Engineering, Signal/Image Processing, VLSI and Reconfigurable systems.

With the vital role played by wireless networks in the current era of digital communication, and the strong growth in information and computing power offered by computing clusters and information services over stationary networks, there is an increasing demand for a flexible and cheap infrastructure for collecting and monitoring real-world data nearly everywhere. The integration of wireless mobile systems and network computing, raises new challenges with respect to the dependability of integrated applications and the intelligence-driven security threats against the platforms supporting these applications.

The goal of the conference is to provide a forum for researchers, students, scientists and engineers working in academia and industry to share their experiences, new ideas and research results in the below-mentioned areas.

ABOUT THE UNIVERSITY

SRM University Delhi-NCR, Sonapat, Haryana has been established under Haryana Private Universities Act, 2006 as amended by Act No. 8 of 2013 spread over 49 acres of lush green campus as a recent and special creation of SRM Educational Group towards world class infrastructure and academic ambience that will shape the future of India. The SRM Educational Group as a community have over 60,000 students and 2,500 staff spreading over five campus in India. The SRM Group has earned the best teaching quality rating and a strong research record and offers a wide range of undergraduate, postgraduate and doctoral programs in Engineering, Management, Medicine and Health sciences, and

Humanities. Today, our's is a broad-based, research intensive institution with a global reach.

ABOUT THE DEPARTMENTS

The Department of Computer Science and Engineering is renowned for cutting edge research and for imparting state-of-the-art world class education. We attract some of the excellent students and faculty. The department imparts international level training and research. The department provides high standard computing facilities to the students. It also promotes active industry-department affiliation by finding common areas of interest and taking part in research projects and consultancy services.

Department of Electronics and Communication Engineering offers undergraduate program in Electronics and Communication Engineering. It has highly talented, qualified and competent faculty members in the areas of Digital Signal Processing, Active Circuits, Data Communications & Networking, Mobile and Wireless Communications, High Speed Networks, Optical Networks and VLSI & Micro-electronics.

TOPICS OF INTEREST

Papers are invited on the following topics (*but not limited to*):

- Wireless communication protocols and mobile networks
- Ubiquitous Knowledge Discovery
- Mobile and ubiquitous computing
- Distributed systems
- Microwave Engineering
- Intelligent mobile systems
- Architectures and middleware for mobile device integration
- Location-based computing and data analysis
- Digital/Image Processing
- VLSI Design
- Frequency Reconfigurable Systems
- FPGA Based System Implementation
- Intelligent sensors in networked environments
- Applications such as cooperative mobile robots, embedded applications
- Energy-efficient protocols
- Wireless ad hoc and sensor networks
- Routing and broadcasting in wireless networks
- Automatic dynamic decision-making

- Distributed, randomized, and self-stabilizing algorithms
- Fault tolerant data structures and network coverage
- Internet of Things design, architectures and protocols
- Cognitive radio networks
- Opportunistic networks
- Mobility and handoff management
- Hardware security methods for mobile applications
- Security methods for network computing and mobile systems
- Secure network communication
- Trust, privacy and security in networks and clouds

SUBMISSION OF PAPERS

The submission Web page for WIDECOM 2018 through EasyChair system is:

<https://easychair.org/conferences/?conf=widcom2018>

Note: All accepted papers will be included in Springer Series: **Lecture Notes on Data Engineering and Communications Technologies**. Proceedings will be sent by Springer for indexing in EI Compendex, MetaPress, ISI Proceedings, Springerlink, and SCOPUS.

Conference Website

<http://widcom2018.srmuniversity.ac.in>

For any additional query, please email the conference organizers using:

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IMPORTANT DATES

Submission Deadline: August 01, 2017

Notification Due: October 01, 2017

Final Version due: November 01, 2017

CONFERENCE VENUE

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