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ICETIT-2019

Springer

International Conference on Emerging Trends in Information Technology

Organized By

Institute of Information Technology and Mangement, Janakpuri, Delhi

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June 21-22, 2019

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Papers selected for presentation shall be published in Springer book series in "Lecture Notes in Electrical Engineering"(LNEE). LNEE **is indexed in** ISI Proceeding, EI-Comendex, Scopus, MetaPress, Springerlink**. Extended version of paper will be recommended for publication in ESCI, Scopus and Web of Science Journals.**

Paper submission link: https://easychair.org/conferences/?conf=icetit2019

Conference Website: http://iitmjanakpuri-sdc.com/icetit2019/

Call for Papers

Special Session: **Emerging Communications and Computing Technologies for the Internet of Things**

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Details of Proposed Session

As everyone now a days are aware that the publicity around the Internet of Things (IOT) is enormous. Day to day, new IoT based product get released into the market making human life more comfortable. Connected devices will become smarter and more immersive, and expectations will increase to convert IoT data to insights. Past period shows the Internet of Things (IoT) has become one of the most influential technologies in the fields of wireless communications and mobile computing. Industrial asset management, fleet management in transportation, inventory management and government security is the hottest areas for IoT growth in 2019. With increasing connectivity between people, data and things, the public sector will begin embracing smart cities, where sensors and automation enhance the reliability of services, especially in the areas of safety and environment. Since its very beginning, wireless communication has been focused on serving human-to-human interaction or human accessing information. Due to IoT, the scope of wireless communication becomes ubiquitous communication among all people and all devices, and the major challenge now becomes how to realize large-scale device-to-device (D2D) communication in an intelligent and energy efficient fashion. In the 21st century, we want to be connected with anything anytime and anywhere, which is already happening in various places around the world. The core component of this hyper connected society is IoT, which is also referred to as Machine to Machine (M2M) communication or Internet of Everything (IoE).To facilitate IoT, there are tremendous innovation opportunities in different disciplines and perspectives. This session is seeking high-quality

research articles as well as reviews about state-of-the-art technologies in communications and computing that contribute to the formation and advancement of IoT.

This special session presents original research and technological development for addressing real and complex issues related to society and technology.A research area for this special session includes but not limited to:

1. IOT networks for healthcare
2. Energy efficient networks in IoT systems
3. Software-defined radios and cognitive radios for IoT
4. Self-organizing network and SoN algorithm in IoT systems
5. Compressed sensing for signal with sparse structure in IoT applications
6. Low-Power Wide-Area Network (LPWAN) and Long Range Wide Area Network (LoRaWAN)
7. 5G technologies and their application in IoT
8. IoT traffic characterization
9. Modeling of large-scale IoT
10. Interoperability and integration of emerging standards with existing standards
11. Machine learning algorithm for adaptive computing in IoT
12. Security and privacy innovation for IoT applications