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**Call for Papers on ICCMIT 2020**

**“The Era of Internet of Things”**

**Organized by:**

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**Objectives and Motivation**

The Internet of Things IoT is the concept of connecting any device to the Internet and to other connected devices. IoT is a giant network of connected things and people – all of which collect and share data about the way they are used and about the environment around them. IoT applications have extended to military, health, traffic, applications and many other consumer and industrial areas.  Internet of Things (IoTs) are objects interconnected with each other. So, these networks depend heavily on sensor networks which are an interdisciplinary field including many fields such as wireless networks and communications, protocols, distributed algorithms, signal processing, embedded systems, and information management. Security, cloud computing, smart cities, and other issues are much related to IoT.

The ICCMIT 20 conference session entitled “The Era of IoT” is expected to exchange ideas and thoughts about impacts of IoT and sensor networks research on the state of the art as well as upcoming trends of issues related to research and applications of smart cities, smart grid, smart transportation, and so on.

**Scope and Interests**

A large number of important applications depends on IoTs interfacing with the real world. These applications include medical, military, manufacturing, transportation, safety and environmental planning systems, and others.

Topics of the session may include, but not limited to, the following:

* IoT Technology
* IoT architecture and models
* IoT connectivity
* IoT security
* IoT system-on-chip
* Interoperability OS for IoT
* Energy efficiency and energy efficient protocols
* Location techniques, routing, medium access control
* Network resource management, network protocols, lightweight protocols
* Fault tolerance/diagnostics
* In-network processing and aggregation
* Mobility and Task Coordination
* Performance analysis/evaluation of Sensor Networks
* Security, privacy, data integrity
* Modelling of systems/physical environments, simulation tools/environments
* Smart Sensors and Transducers
* Chemical, Biological, Optical and Magnetic applications
* Wireless Sensors Measurement Systems
* Data Acquisition Systems and Techniques
* Intelligent Control
* Detection / Classification Methods
* Distributed Sensor Networks - Networking / Caching Issues
* Managing Resource Constraints
* Cooperative Signal Algorithms for IoTs
* Applications:
* Industrial monitoring
* Environmental/Earth sensing

### Process Management

### Health care monitoring

* Home Security
* Agriculture
* Biomaterial
* Education
* Commercial Development
* Non-destructive Measurement and Monitoring
* Manufacturing and Production

**Paper Submission Important Dates**

###### All instructions and templates for submission can be found in the ICCMIT 2020 web site: <http://www.iccmit.net/>. Please, contact the special session organizers if you are planning to submit any paper.

###### Paper abstract submission: February 15, 2020 Notification of acceptance: February 25, 2020Final paper submission and authors camera ready: March 2, 2020Conference Dates: April 1-3, 2020