



# Call for Papers

*Special issue on*

**Internet of Things: Hardware and Software Solutions**

*Journal of Communications Software and Systems (JCOMSS)*

The Internet of Things is playing a very important role in the everyday life. The opportunity to have smart objects anywhere, as a network of billions of sensors connected to the Internet, represents a fundamental feature of the digital world. This creates a better world for human beings, where the objects around us know what we want, like, and need, while acting accordingly without explicit instructions. In this realization, the Human-to-Machine paradigm (H2M) is increasingly shifting toward the new Machine-to-Machine (M2M) paradigm, while The Next Generation Internet aims at interconnecting and making smart objects interoperable in order to realize the vision of the Internet of Things (IoT) at the full capacities.

Emerging hardware and software technologies, such as WSN, embedded systems, mobile App, wearable devices, RFID, NFC, Fog Computing, Cloud Computing, Machine Learning, Deep Learning, Artificial Intelligence systems, are becoming very attractive both for the academic and industrial world, since these technological ecosystem enable the development of smart environments and novel services with limited costs. One of the most important issues related to the implementation of the IoT technologies is their overall benefit to the society and environment.

Different engineering disciplines are called to provide their input, ensure diffusion of fundamental and applied knowledge, and to respond to the present and upcoming challenges, which are typically complex and intertwined. Authors wishing to submit papers for this SI should register and submit the article (PDF format) in the corresponding SI track by using the OJS system <https://jcomss.fesb.unist.hr>.

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Topics include, but not limited to, researches and developments in the field of IoT:

- Smart city theory, modeling and simulation
- Cyber-Physical Systems (CPS) and smart cities
- Internet of Things for smart cities
- Communications and Networking for smart cities
- Smart technologies, systems, and infrastructures for smart cities
- Ubiquitous sensing and urban analytics
- Big data analytics for smart cities
- Cloud computing for smart cities
- Mobile Crowdsensing for smart cities
- Cybersecurity and privacy for smart cities
- Intelligent Transportation Systems (ITS) improving mobility, safety and environmental protection
- Smart energy/grid
- Smart building
- Smart living
- Smart healthcare and emergency management
- Smart environment and policy development
- Smart manufacturing and logistics
- Citizen engagement and smart governance
- Smart economy development
- Case studies and testbeds for smart cities around the world
- Distributed optimization and control for interdependent infrastructure networks
- Modeling the social impact of smart technologies

## IMPORTANT DATES

<b>Submission deadline</b>	<b>December 15, 2019</b>
<b>Notification of acceptance</b>	<b>January 31, 2020</b>
<b>Final manuscript due</b>	<b>February 20, 2020</b>
<b>Published</b>	<b>March 2020</b>

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