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22-24 September 2022 // Split, Croatia

Symposium on Smart Environments & Internet of Things

Symposium Co-Chairs: Luigi Patrono, Mladen Russo, and Maja Stella
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Call for Papers

Symposium on "Smart Environments & Internet of Things" will be held in the frame of the 30th International Conference on Software, Telecommunications and Computer Networks (SoftCOM 2022), technically co-sponsored by the IEEE Communication Society (ComSoc), on September 22 - 24, 2022 in Split, Croatia.

Recent advances in areas like pervasive computing, machine learning, wireless and sensor networking enable various smart environment applications in everyday life.

The main goal of this symposium is to present and discuss recent advances in the area of the Internet of Things, in particular on technologies, architectures, algorithms and protocols for smart environments with emphasis on real smart environment applications that are becoming research topics more and more interesting for both academia and industry.

Accepted and presented papers will be published in the conference proceedings and submitted to IEEE Xplore as well as other Abstracting and Indexing (A&I) databases. Authors of selected best papers will be invited to submit an extended version of their manuscripts for publication in a special issue of the Journal of Communications Software and Systems (JCOMSS).

We cordially invite speakers who wish to present original papers on the following subjects, but not limited to these, associated with the following topics:

- RFID and NFC
Wireless Sensor Networks
Energy consumption minimization
6LoWPAN, CoAP, MQTT and ETSI M2M
Middleware and Architecture for the IoT
Smart devices and intelligent products
Ubiquitous/Pervasive computing
Localization technologies and location-aware Services
Speech and speaker recognition
Text-to-Speech (TTS)
Virtual and augmented reality environments
Human Computer Interaction (HCI)
Low power sensing and ambient energy harvesting
Wearable technologies
Big Data and Data Analytics
Robotics
Embedded Systems
IoT solutions for safety
RFID and IoT technologies in Biomedicine
Safety and emergency systems based on IoT technologies
Security, video and signal based Surveillance in IoT
Mobile applications and rapid prototyping in the IoT
Fog Computing in IoT
Medicine, Biomedicine, Telemedicine, Telecare, eHealth and Intelligent healthcare
Services, applications and devices in health
Signal or data processing and computing for health applications
Case studies, field trials, and industrial Applications

IMPORTANT DATES

Final manuscript due June 24, 2022
Notification of acceptance July 1, 2022
Camera-ready manuscript July 15, 2022

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https://jcoms.fesb.unist.hr/

More information about the Conference including details on the submission process and authors kit is available on the website:

http://softcom2022.fesb.hr

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