INTERNATIONAL CONFERENCE ON SMART AND SUSTAINABLE TECHNOLOGIES

IEEE · IEEE ComSoc IEEE Communications Society · RFID IEEE Council on RFID

Split - Bol, June 20–23, 2023
Location: Bol, Hotel Elaphusa

International Symposium on Internet of Things

Organizer:

Luigi Patrono
University of
Salento, Italy

Call for papers

The International Symposium on Internet of Things is organized in the frame of the 8 th International Conference on Smart and Sustainable Technologies (SpliTech 2023), technically cosponsored by the IEEE Communication Society (ComSoc), will be held in Bol and Split, Croatia, June 20-23, 2023.
The main goal of the Symposium is to present and discuss recent advances in the area of the Internet of Things, Embedded systems, Intelligent Systems and Smart Environments that are becoming research topics more and more interesting for both academia and industry. This symposium will provide an opportunity for scientists, engineers and researchers to discuss new applications, design problems, ideas, solutions, research and development results, experiences and work-in-progress activities in this important technological area.

The Symposium on Internet of Things includes also six different Special Sessions:
   -Special Session on Artificial Intelligence and Deep Learning applied to Smart Environments
   - Special Session on Big Data and IoT
   - Special Session on Extended Reality Applications for Smart Environments
   -Special Session on Prototyping techniques and sensing solutions for IoT-aware embedded systems
   -Special Session on Cybersecurity and IoT
   -Special Session on Innovative Solutions and Research projects on One-Health and Safety ecosystems

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 some international and indexed journals.

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

- Software and Hardware Architectures for Embedded Systems
- Mobile and Pervasive/Ubiquitous Computing
- Real-time and Reconfigurable Embedded Systems
- Rapid prototyping
-Embedded Systems and Applications
- Mobile and wearable applications for monitoring and assisting
- IoT architectures, protocols, and algorithms in smart cities
- Innovative AAL systems
- Cloud Computing in Embedded System Development
- 5G and 6G for IoT Applications
- People-IoT Interactions
- Cloud-based People-centric IoT Applications and Environments
Middleware and Architecture for the IoT
- Smart devices and intelligent products
- Localization technologies
- Wearable technologies
- Wireless Sensor Network
- Microservices Architectures
- Security and Privacy in IoT
- BlockChain and IoT
- Industrial Internet of Things: Industry 4.0
- IoT for Safety
- Big Data and Data Analytics
- Semantics and Ontologies in IoT
- FinTech applications
- Edge and Fog Computing
- IoT and Robots
- IoT and BIM
- IoT and AgroFood
- Sentiment Analysis
- Intelligent Transport Systems and IoT
- IoT and Smart Health
- Conversational interaction through IoT and AI technologies
- Case studies, field trials, and industrial Applications

Technical Program Committee :

- Luigi Patrono, University of Salento, Italy
- Petar Solic, University of Split, Croatia
- Luigi Atzori, University of Cagliari, Italy
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