

7TH INTERNATIONAL CONFERENCE ON SMART AND SUSTAINABLE TECHNOLOGIES

Bol and Split, Croatia (hybrid)
5-8, July 2022

Included in the International Symposium on the Internet of Things Special Session on Big Data and IoT



Organizer:

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Call for Papers:

With the increase of the adoption of IoT devices in multiple domains, the data processing and analysis requirements have grown similarly. IoT devices can be found in multiple environments (homes, industrial installations, office spaces...), with heterogeneous sensors providing multimodal continuous data streams. New approaches in Big Data, Data Analytics, Open Data, Behavior Analysis, Semantic Location Services and Artificial Intelligence are needed to properly process and manage those data streams.

The Special Session on Big Data and IoT is included in the International Symposium on the Internet of Things organized in the frame of the 7th International Conference on Smart and Sustainable Technologies (SpliTech 2022), technically co-sponsored by the IEEE Communication Society (Com-Soc), will be held in Bol and Split, Croatia, July 5-8, 2022.

The main goal of the Special Session is to present and discuss recent advances in the area of data analysis, management and processing in IoT. This Special Session 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.

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 or reviews on the following topics:

- Big Data for IoT applications
- Data Analysis in IoT
- Behavior Analysis for IoT applications
- Semantic Location processing
- Open Data for IoT applications
- MLOps for Intelligent Environments
- Federated learning and reasoning for IoT applications
- Quantum approaches for intelligent environments
- Context management in intelligent environments
- Human-in-the-loop reasoning for IoT applications
- Specific applications: health, industry, wellbeing, sustainability...
- Case studies, field trials, and industrial Applications

Important Dates

Paper Submission: **March 10, 2022**

Notification of acceptance: **May 1, 2022**

Camera Ready Papers due: **May 20, 2022**

Conference: **July 5-8, 2022**

[SUBMIT PAPER HERE](#)

[IoT symposium track](#)

Special Session Committee

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