International Symposium on Advances in RFID Technology and Electromagnetics for IoT

Organizer:

Luca Catarinucci
University of Salento, Italy

Call for papers

The “International Symposium on Advances in RFID Technology and Electromagnetics for IoT”, in the framework of the 8th International Conference on Smart and Sustainable Technologies (SpliTech2023), technically co-sponsored by the IEEE Council of RFID (CRFID) and by the IEEE Communication Society (ComSoc), will be held once again in Bol and Split, Croatia, on June 20–23, 2023. As in 2022 Edition, the Symposium opens the doors to all those electronic/electromagnetic technologies that, like RFID, enable the Internet of Things.

The main goal of this Symposium is to present and discuss recent advances in all the Electromagnetic Technologies, with special emphasis on RFID, that mostly enable IoT-aware applications, and that are more and more appealing for both industry and academic researchers. The symposium will provide an opportunity for scientists, engineers, and researchers to discuss recent advances in this fascinating technological area, with dedicated focused Special Sessions that will deepen the research challenges in specific contexts. 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 papers will be invited to submit an extended version of their manuscripts for publication in a special issue of the IEEE Journal of RFID, indexed both in SCOPUS and WoS.
Prospective authors are cordially invited to submit their original contributions covering completed or ongoing work related to RFID technology and electromagnetics for IoT. Topics include, but are not limited to, the following:
- Tag and Tag Antenna Design
- Reader and Reader Antenna Design
- Smart devices leveraging on Electromagnetic Technologies including LoRa, BLE, UWB.
- UWB RFID • Electromagnetics in IoT
- NFC Tags and Systems
- RFID Performance Evaluation
- Green RFID Applications
- RF frontend for IoT devices
- next generation RFID
- AI in RFID
- Battery Assisted Passive Tags
- Communication and Medium Access Control
- RFID Data Management
- Supply Chain Management
- Additive Manufacturing 3D-Printing in RFID/IoT
- RFID in Healthcare
- RFID Tags with Augmented Capabilities
- RFID-Sensing • Industrial Applications of RFID/IoT
- Chipless RFID
- RFID in Smart Homes and Smart Cities
- RFID Tag Prototyping
- Smart RFID/IoT Applications
- RFID/IoT Case Studies, Field Trials, Industrial Applications
- RFID and Physical User Interfaces
- Circuit design and characterization for readers and tags
- RFID and Sensor Networks
- Next Generation RFID Technologies
- Antennas for IoT

Visit our website for more informations
https://2023.splitech.org/home

FULL PAPER SUBMISSION:
February 24, 2023

SUBMIT PAPER HERE

Notification of acceptance:
April 20, 2023
Camera ready paper:
May 05, 2023