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INTERNATIONAL CONFERENCE ON SMART AND SUSTAINABLE TECHNOLOGIES

Split - Bol, June 25–28, 2024
Location: Bol, Hotel Elaphusa



Special Session:

Blockchain applications and Cybersecurity solutions for IoT Systems

ORGANIZERS



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CALL FOR PAPERS

The Special Session on “BlockChain application and Cybersecurity solutions for IoT Systems” is included in the International Symposium on the Internet of Things (IoT) organized in the frame of the 9th International Conference on Smart and Sustainable Technologies (SpliTech 2024), technically co-sponsored by the IEEE Communication Society (ComSoc), will be held in Bol and Split, Croatia, June 25–28, 2024.

The main goal of the Special Session is to present and discuss recent advances in the areas of Distributed Ledger Technologies (DLT) applications and cybersecurity solutions applied to the IoT context.

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:

- Artificial Intelligence for Cybersecurity
- Authentication and Authorization Techniques for IoT systems
- Blockchain Ledger Hijacking or Tampering
- Blockchain Privacy Hacking or Hardening
- Code Obfuscation for IoT systems
- Cybersecurity and Privacy for Smart Health systems
- Cybersecurity and Privacy in Smart Cities
- Cybersecurity for Cloud-IoT systems
- Cybersecurity for Cyber Physical Systems
- Cybersecurity for Industrial IoT
- Cybersecurity for the Internet of Space
- Deepfake for Realtime Audio/Video Impersonation
- IoT secure design framework
- IoT systems security analysis
- Insecure IoT hardening (must include security by design & by default)
- Malware Detection and Early Warning
- Manufacturer Usage Description (MUD) applications
- Privacy Shield for Smart Assistants
- Pseudonymization and compliance to GDPR for IoT
- Resilient design for IoT systems
- Security Policies for IoT systems
- Software Defined Networks (SDN) and Network Functions Virtualization (NFV) for IoT
- Supporting developers in IoT cybersecurity
- Threat Modeling for IoT systems
- Trials and use case discussion
- Trusted and Confidential Computing for IoT systems
- Applications based on Blockchain and/or Distributed Ledger Technology (DLT)
- Security enhanced by Blockchain and/or DLT
- Applicative scenarios run through the exploitation of Blockchain and/or DLT technologies

Special Session Committee

- Luca Mannella, Politecnico di Torino, Italy
- Teodoro Montanaro, University of Salento, Italy
- Luigi Patrono, University of Salento, Italy
- Toni Perković, University of Split, Croatia
- Ilaria Sergi, University of Salento, Italy
- Petar Šolić, University of Split, Croatia
- Franco Tommasi, University of Salento, Italy
- Antonio Vilei, STMicroelectronics, Italy

FULL PAPER SUBMISSION:
February 29, 2024

[SUBMIT PAPER HERE](#)

Notification of acceptance:
April 25, 2024

Camera ready paper:
May 10, 2024

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