

ICAT 2019: BCTA Special Session

"Blockchain Technology and its Application"

Sarajevo, Bosnia and Herzegovina, October 20-23, 2019

Conference website	http://icat.etf.unsa.ba/icat-2019/cms/
Submission link	https://easychair.org/conferences/?conf=icatbcta2019
Submission deadline	September 8, 2019

The 27th International Conference on Information, Communication and Automation Technologies will be held in **Sarajevo, October 20-23, 2019**. The conference is organized by Faculty of Electrical Engineering Sarajevo and technical co-sponsored by: IEEE, IEEE Computer Society, IEEE Controls Systems Society and IEEE B&H Section. Within the ICAT conference, a special session on Blockchain technology will be organized.

Abstract of the Special Session: Distributed ledger technologies (DLT) are generating a lot of attention of the wider public as well as within professional and scientific circles. Blockchain as a part of DLT has undergone a 10-year evolution since its first application. Several core industries are already identified that can benefit the most from blockchain technology integration. Nevertheless, there should be defined strategies for its wise use, which propose the right steps to reach appropriate blockchain integration, while avoid any possible backfire – considering the numerous specifics of this technology. Currently, the technology has attracted enough scientific and professional interest, resulting in various examples of blockchain technology applications, while also enlightening several challenges yet to be tackled such as scalability, efficiency, privacy, security, user-friendliness of decentralized applications, etc. This special session should bring together practitioners and researchers for sharing knowledge and innovative ideas on general and specific topics in connection with the DLT. The aim is to promote any type of cutting-edge research on the DLT from both academia and industry, which would give insight into the potential of its various technologies, innovative approaches, concepts, techniques, guidelines etc., with a special focus on Blockchain and possible solutions to its open challenges, as well as engineering-oriented approaches, which would contribute to the advances in the innovation, practice and education.

List of Topics

The special issue welcomes contributions of the following generic topics, but is not limited to them:

- DLT architectures and platforms
- Security, privacy and trust of DLTs
- Performance optimization of DLTs
- Standards and interfaces
- Side-chain and cross-chain systems
- Smart contracts
- Decentralized applications
- Distributed consensus mechanisms
- Legal and regulatory issues
- Auditing and supervision
- Blockchain applications
- Blockchain & AI
- Blockchain & Data Science
- Enterprise solutions

- Corporate Strategy
- IT & Digital Innovation
- Digital Innovation & Transformation
- Risk Management
- Cloud, fog and edge computing approaches for blockchain

Important dates

Paper Submission Deadline - **September 8th, 2019**
 Notification of Acceptance - **September 27th, 2019.**
 Final Paper Submission - **October 4th, 2019.**
 Conference: **October 20 – 23, 2019**

Submission Guidelines

All papers must be original and not simultaneously submitted to another journal or conference.

Please note that you are allowed a total of ***6 pages***.

The submission guidelines and all other author and publication related information are available on the ICAT-2019 Web page or the following link: [Information for authors - ICAT](#)

The submission for the Special Session must be provided through the easychair submission system of ICAT-BCTA and following link: <https://easychair.org/my/conference?conf=icatbcta2019>

Committees

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- Muhamed Turkanović (University of Maribor - Slovenia)
- Aida Kamišalić Latifić (University of Maribor - Slovenia)
- Marko Hölbl (University of Maribor - Slovenia)

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Contact

All questions about submissions should be emailed to blockchain-lab@um.si