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May 15-17, 2024
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CALL FOR PAPERS
SPECIAL SESSION ON
Unlocking Synergy: Exploring the Convergence of Blockchain and Artificial Intelligence
for ICCAD'24
May 15-17, 2024, Paris-France

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Session Co-Chairs:

- Dr. Asma Najet LAKHAL GHARBI

Assistant professor, faculty of sciences, Carthage university, Bizerte, Tunisia,

Member of the Advanced Systems Laboratory, Polytechnic School of Tunisia,

Leader of Automotive and smart mobility group, asmanajet.lakehal@fsb.ucar.tn

Session description:

We delve thought special session into the exciting world where two cutting-edge technologies Blockchain and Artificial Intelligence (AI), converge to reshape industries and drive innovation.

These two distinct technologies are interested in data sharing and privacy. Blockchain can provide a secure and transparent way to store and share data which can be useful in AI applications.

In addition, AI can enhance the capability of Blockchain systems. It can be used to analyse Blockchain data to detect patterns, anomalies...Therefore, integrating complex AI algorithm with Blockchain systems can be technically challenging.

The combined applications of blockchain and AI has the potential to revolutionize various industries. Their integration is particularly impactful in many areas such as identity verification and security, smart automation, decentralized autonomous organization, data monetization and privacy, energy trading, real time IOT data processing...

In this session, experts in the fields of Blockchain and intelligent automation will discuss the seamless integration of these technologies, showcasing real world applications and the impact they bring.

The topics of interest include, but are not limited to:

- Decentralized energy grids
- Diagnosis and predictive analysis
- Autonomous vehicles
- Cyber security and anomaly detection
- Voltage and frequency regulation
- Robot swarm and collaboration

- Autonomous robot in supply chain and delivery
- Smart contracts for robotics as a services
- Robotic learning and skill enhancement

SUBMISSION

Papers must be submitted electronically for peer review by**: December 15, 2023**
https://www.iccad-conf.com/submission/

All papers must be written in English and should describe original work. The length of the paper is limited to a maximum of 6 pages (in the standard IEEE conference double column format).