



Blockchain Meets IoT for Big Data

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Message from the Guest Editors

Dear Colleagues,

Blockchain technologies constitute a relatively recent area exhibiting disruptive properties. Those properties are widely acknowledged as having a strong potential impact on numerous domains spanning from new forms of the digital economy to decentralized data management and metaverses.

Given the decentralized nature of blockchains, aspects like security, privacy, and trust are of special interest. The current Special Issue adopts an additional key orientation of the integration of blockchains with the following technologies: Internet-of-Things (IoT), Big Data, Artificial Intelligence, and Machine Learning. This is motivated by a fundamental realization: truly transformative digital solutions need to bring together complementary forces as no single technology can address complex challenges. IoT and Big Data are positioned closer to the data layer, while AI and ML stand as data-driven enablers of intelligent models and services. Within this symbiotic environment, blockchain contributes mechanisms for data integrity and transparency along with novel forms of decentralized finance deployed around those AI/ML services.





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Message from the Editor-in-Chief

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