



## Recent Advances in Blockchain Technology and Distributed AI Applications

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Deadline for manuscript  
submissions:

**closed (15 September 2023)**

### Message from the Guest Editor

Dear Colleagues,

Distributed artificial intelligence (AI), also referred to as decentralized artificial intelligence, is a subfield of AI dedicated to developing distributed problem-solving solutions. Distributed AI is closely related to, and is a precursor to, the field of multi-agent systems. In recent research, AI (including advanced machine learning) has been widely adopted in blockchain-leveraged environments.

This Special Issue is open to multidisciplinary research on the convergence of blockchain and distributed AI for sustainable e-services and applications. It covers original research articles, reviews, and communication surveys in the described domain that include but are not limited to the following topics:

- Federated learning-based applications.
- Sustainable management of E-services.
- Convergence applications of blockchain and distributed AI.
- Smart spaces and distributed AI.
- Big data intelligence and multiagent systems.
- Distributed AI for trust and privacy issues.
- Distributed AI in medical imaging.
- Mathematical optimization in distributed AI.
- Research trends in federated learning and Industry 5.0.





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### **Prof. Dr. Flavio Canavero**

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## Message from the Editor-in-Chief

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