Special Issue

Recent Advances in Blockchain Technology and Distributed AI Applications

Message from the Guest Editor

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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Deadline for manuscript submissions

closed (15 September 2023)

Electronics

About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

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