Special Issue

Artificial Intelligence Solutions and Applications for Distributed Systems in Smart Spaces

Message from the Guest Editors

The main objective of this Special Issue is to seek high-quality research that presents emerging solutions and/or applications based on AI techniques, such as Machine Learning, that address recent challenges in intelligent distributed systems. We especially focus on technological problems such as scarce energy and computational resources, frequent changes of conditions, geographical dispersion, and unexpected connectivity problems, but also on problems related to the independence and autonomy of participants, such as the provision of fair solutions that foster collaboration and information exchange and provide benefits for all involved entities. Topics of interest include but are not limited to:

- Intelligent computing spaces
- Application of Artificial Intelligence in distributed systems
- Application of Machine Learning algorithms in distributed systems
- Distributed algorithms and Distributed databases, Computer GRID
- Cloud computing, Edge computing and Fog computing
- Management solutions for large volumes of data
- Distributed architectures, Multiagent systems
- High-performance distributed systems
- AI-driven methods for multimodal networks and process modeling

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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 guest-edited by leading experts in selected topics of interest.

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