Special Issue

Scalability and Interoperability in the Artificial Intelligence of Things

Message from the Guest Editor

This Special Issue explores the integration of AI and IoT (AIoT), focusing on scalability, interoperability, and innovative solutions to enhance modern communication and automation. Key topics include scalable network architectures, interoperability standards, AI-driven optimization, edge computing, security, and energy efficiency.

It highlights AIoT applications in healthcare, smart cities, and industrial automation, addressing challenges like data traffic, device density, and real-time decision-making. Contributions on 5G/6G, big data, QoS, load balancing, cloud/fog computing, and future trends are encouraged. The issue aims to advance AIoT technologies, promoting innovation, economic growth, and societal benefits.

Original research and reviews are welcome.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Big Data and Cognitive Computing (BDCC) is a scholarly online journal which provides a platform for big data theories with emerging technologies on smart clouds and exploring supercomputers with new cognitive applications. It is a peer-reviewed, open access journal that publishes high quality original articles, reviews and short communications. The primary aims of this journal are to encourage contributions of high quality scientific papers relating to data management and analytics in industry, such as manufacturing, healthcare, education, media and business, data mining, and cognitive science. There is no restriction on the maximum length of the papers.

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