Special Issue

Artificial Intelligence and Edge Computing in IoT-Based Applications

Message from the Guest Editor

The integration of edge computing along with artificial intelligence technology has great potential to gather and process large amounts of IoT data, maximize the potential for rapid, real-time data analysis and intelligent decision-making, and deliver a variety of low-latency, reliable, intelligent, and time-sensitive services. This Special Issue aims to focus on all aspects of research relevant to artificial intelligence and edge computing technologies in IoT applications. This Special Issue invites research and review papers that report on novel contributions with respect to cloud–edge collaboration, federated learning, the utilization of a large language model (LLM), and related innovative applications within the IoT.

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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