

Special Issue

Artificial Intelligence and Advanced Services at the Edge of a Network for Industrial 4.0

Message from the Guest Editors

The Internet of Things (IoT) has transformed industries significantly in many ways, including operating, communicating, data analyzing, and utilizing. The Industrial IoT offers many benefits, including greater energy efficiency, reduced costs, reduced error, predictive maintenance, and improved safety. However, Industrial-IoT-based systems still have challenges. For example, many of them cannot deal with sudden abnormal situations in real time. In addition, IIoT-based systems do not offer artificial intelligence and smart services for decision making in a real-time manner. These limitations can be mitigated or overcome by exploiting artificial intelligence and smart advanced services at the edge of a network. This Special Issue addresses all the essential aspects that are required to make this happen. We encourage papers in all areas related to (but not limited to) this topic, including system architecture, software architecture, IoT systems and services, edge computing, fog computing, use cases, and edge-AI for Industrial 4.0. For detailed information, please visit [here](#).

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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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