Special Issue

Sensor Systems Empowered by AI, Big Data Processing, and Platform Technology

Message from the Guest Editors

Recent progress in Deep Learning and Machine Learning has made Artificial Intelligence (AI) into a powerful tool that can be leveraged across a wide number of industries. In recognition of the significant convergence and synergies between AI, Big Data Processing (BDP), and PT, this Special Issue aims to delve into how integrated applications can pave the way for breakthroughs and innovations in the field of sensors. We encourage researchers to address the challenges and opportunities arising from the seamless integration of AI, big data processing, and platform technology, offering insights into how their collective contributions can shape the future landscape of technology-driven industries, especially in the realm of sensors.

- sensor technology
- artificial intelligence
- big data processing
- big data applications
- platform technology
- data science
- emerging AI
- sensor systems

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About the Journal

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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