Special Issue

The Rise of EdgeAI and TinyML for the Next-Generation IoT

Message from the Guest Editors

Edge computing is becoming a widely adopted technological paradigm. It is especially valid in application domains such as smart industry, smart city, smart ports, and, more generally, in the design of robust and reliable applications where bandwidth, privacy, latency, and responsiveness impose strong constraints. Topics relevant to this Special Issue include, but are not limited to, the following:

- EdgeAI and TinyML in practical applications;
- Edge computing architectures supporting AI deployment;
- Methods for the optimization of models for AI at the edge/far-edge of the network;
- Methods to adapt cloud-scale AI models for the edge;
- Transfer learning of AI model at the edge of the network;
- Federated learning approaches with tiny IoT devices.

For more information, please visit: mdpi.com/si/111921

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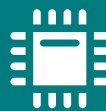
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Deadline for manuscript submissions

closed (15 August 2023)

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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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