

Special Issue

Convolutional Neural Networks and Edge Computing Application

Message from the Guest Editors

Edge computing has emerged as a new computing paradigm in the last few years due to the explosion of big data generated by millions of edge devices that exchange information without the need for central coordination. This Special Issue seeks original, previously unpublished works addressing the issues and challenges related to the design, implementation, deployment, operation, and evaluation of new solutions based on the integration of the edge computing paradigm with convolutional neural networks. Keywords:

- Machine learning algorithms for edge computing
- Architectures, techniques and applications of intelligent edge cloud
- Distributed machine learning algorithms for edge computing
- Smart applications of edge computing
- Deep learning applications on edge
- Deep learning inference in edge
- Edge computing for deep learning
- Deep learning for optimizing edge
- Deep learning training at edge
- Machine learning in distributed camera networks
- Federated learning
- Reinforcement learning on edge

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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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