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Convolutional Neural Networks and Edge Computing Application

Guest Editors:

Dr. Claudio Gennaro

Information Science and
Technology Institute (ISTI),
Italian National Research Council
Department (CNR), Moruzzi 1,
56124 Pisa, Italy

Dr. Claudio Vairo

Information Science and
Technology Institute (ISTI),
Italian National Research Council
Department (CNR), Moruzzi 1,
56124 Pisa, Italy

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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 This Special Issue seeks original, previously unpublished works addressing the issues and challenges related to the design, implementation, deployment, operation, and evaluation of new solutions based on the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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Special Issue



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Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria
Elettrica e dell'Informazione
(Department of Electrical and
Information Engineering),
Politecnico di Bari, Via Edoardo
Orabona n. 4, 70125 Bari, Italy

Message from the Editor-in-Chief

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Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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