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The Role of Fog and Edge Computing in Machine Learning-Based Applications

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Deadline for manuscript
submissions:

closed (31 October 2023)

Message from the Guest Editor

This special issue is to invite experts from multiple areas to contribute and share their ideas and findings to illustrate the role of edge and fog computing in the trend of Artificial Intelligence(AI), specially Machine Learning(ML)-based algorithms can be applied progressively and extensively to sensor-generated data in the domains of self-driving vehicles, personal assistance, image recognition for diagnosis, and in general as data-driven optimization systems and IoT applications to industry 4.0.

A list of topics that would be welcome in this issue includes but not limits the following:

Distributed privacy preserving algorithms

Optimization of ML algorithms between edge, fog, and cloud node

Sensor-generated data processing capacity

Sensor-generated data inference and training operations

Data sources security in wireless communications

Performance models for fog/edge computing

Management and orchestration of edge/fog resources



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Special Issue



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Message from the Editor-in-Chief

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