# Special Issue

# Emerging Machine Learning Techniques in Industrial Internet of Things

### Message from the Guest Editors

This Special Issue wishes to solicit state-of-the-art research or works in progress on emerging machine learning techniques. Potential topics include, but are not limited to, lightweight deep neural network models, neural network compression techniques, machine learning with knowledge engineering, data encryptions, data privacy preserving techniques, federated learning, knowledge distillation, and transfer learning. In addition, we welcome original research articles covering new IIOT applications, case studies, challenges and developments in IIoT, as well as theoretical works in making light-weight deep neural networks. We also intend to include research works on computing technologies in support of IIOT facilities such as fog computing, edge computing, computation offloading, and hybrid edge-fog-cloud computing in this Special Issue.

- industrial Internet of Things
- computation efficient machine learning
- federated learnin
- knowledge distillation
- edge computing
- data privacy preserving
- machine learning robustness

### Guest Editors

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### Deadline for manuscript submissions

closed (15 October 2024)

## Sensors

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*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.

## Editor-in-Chief

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