Special Issue

AI in Industrial Internet of Things

Message from the Guest Editors

Artificial intelligence (AI) is a key component in the Industrial Internet of Things (IIoT) ecosystem, which is a network of physical devices, machines, and software applications that communicate and exchange data in order to optimize industrial processes. With the help of AI, IIoT systems can extract valuable insights from large volumes of data generated by sensors, machines, and other connected devices, and use that information to optimize processes, improve efficiency, and reduce costs. As the IIoT continues to evolve, AI is expected to play an increasingly important role in driving innovation and transforming the way in which businesses operate.

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but not limited to) the following:

- The Internet of Microfluidic Things
- Cyber-Physical System of Microfluidics
- Design Automation of Microfluidics
- Microfluidic Applications
- Wearable Microfluidic Devices
- Multimodal learning
- Embedded Machine Learning
- Deep Multimodal Machine Learning
- Mobile Depth Estimation
- Realtime Edge Computing
- Deep Learning in IoT
- Drone with AI

Guest Editors

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Deadline for manuscript submissions

closed (15 July 2024)

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Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

Editor-in-Chief

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