

## Special Issue

# Advances in Artificial Intelligence for Big Data Transmission and Applications of Mobile Industrial Internet of Things (IIoT)

### Message from the Guest Editor

This Special Issue's topic include but are not limited to the following:

- ML, DL, and optimization techniques for Industrial Big Data Transmission
- ML-driven design and optimization of modulation and coding schemes
- ML techniques for non-linear signal processing in Industrial Big Data Transmission
- ML-based distributed training and learning over-the-air
- ML for IIoT and massive connectivity
- ML for Ultra-Reliable and Low Latency Communications (URLLC)
- ML-based hybrid learning methods for channel estimation, modeling, prediction and compression of IIoT networks
- DL techniques for image transmission and processing
- Deep reinforcement learning for radio resource management in IIoT
- Reinforcement learning for self-organized IIoT networks
- AI-enabled techniques for ensured communication in Industrial Big Data Transmission wireless applications
- Intelligent design and optimization of IBD modulation and coding schemes

### Guest Editor

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### Deadline for manuscript submissions

closed (31 August 2023)



## Sensors

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### Message from the Editor-in-Chief

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