Special Issue

Machine Learning for Wireless Networks

Message from the Guest Editor

This Special Issue seeks to identify key enabling technologies to support machine learning for wireless networks. These technologies include resource allocation and optimization, interference mitigation, quality of service (QoS) improvement, predictive maintenance, security and anomaly detection, energy-efficient wireless communication, edge computing and so on. Topics of interests include but are not limited to the following:

- Resource Allocation and Optimization
- Spectrum Management and Cognitive Radios
- Interference Mitigation
- Quality of Service (QoS) Enhancement
- Predictive Maintenance and Anomaly Detection
- Energy-Efficient Wireless Networks
- Communication Security and Threat Detection
- Dynamic Network Slicing
- Adaptive Beamforming and MIMO
- Network Traffic Analysis and Prediction

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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 guest-edited by leading experts in selected topics of interest.

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