Special Issue

Machine Learning Techniques for Wireless Time Series in the Context of Wireless Sensor Networks and IoT

Message from the Guest Editors

Machine learning (ML) plays a pivotal role in the emergence of intelligent wireless sensors networks (WSN) and Internet of things (IoT). Within these domains, many wireless applications generate large heterogeneous datasets primarily in the form of wireless time series. These datasets can be used for diagnostics, optimization and application-level functionalities. ML allows the exploitation of these wireless time series to create intelligent, self-learning applications that adapt seamlessly to dynamic scenarios and diverse environments.

You are invited to contribute to this Special Issue. Topics include (but are not limited to):

- machine/deep learning
- reinforcement learning
- unsupervised learning
- transformers
- TinyML
- time series
- wearable sensors
- indoor localization
- wireless networks
- connected healthcare

To learn more information, please click: mdpi.com/si/186677, or contact peter.wang@mdpi.com

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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.

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