Signal Processing and Machine Learning for Sensor Systems

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Message from the Guest Editors

Dear Colleagues,

This Special Issue provides a forum for research on the processing of sensor signals, both at the edge and in data warehouses. Advances in the machine learning and signal processing of sensor data have led to tremendous leaps in signal classification, fault detection, speech recognition, and industrial control. Edge and embedded processing power, in combination with dedicated signal processing hardware and compact implementations of neural networks, has enabled machine learning at the edge, resulting in smart devices that can adapt to a user's needs. Additionally, processing sensor signals collected in data warehouses enables the application of sophisticated signal processing and deep machine learning algorithms. This Special Issue invites authors to submit works on the processing of sensor signals using machine learning techniques in edge and embedded devices as well as algorithms that process sensor signals stored in data warehouses.

- signal processing
- machine learning
- edge computing
- internet of things
- embedded systems
- data warehouses
- time series

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Special Issue

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Message from the Editor-in-Chief

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