

Special Issue

Adaptive Filters in Signal Processing for IoT-Enabled Sensing Systems

Message from the Guest Editor

This Special Issue seeks to highlight innovative research and developments in adaptive filtering techniques and their integration with IoT-enabled sensing systems. Topics of interest include but are not limited to the following:

- Adaptive filtering algorithms and their applications in IoT systems;
- Machine learning integration with adaptive signal processing for enhanced performance;
- Real-time adaptive filtering in IoT devices and networks;
- Noise cancellation and signal separation in IoT-enabled sensing systems;
- Biomedical signal processing using adaptive filters in IoT healthcare applications;
- Industrial IoT and adaptive filtering for process monitoring and control;
- Environmental monitoring with adaptive signal processing in IoT networks;
- Smart cities and adaptive filtering for efficient data processing;
- Federated learning and adaptive filtering integration for privacy and scalability in IoT systems;
- Adaptive antenna technologies for IoT connectivity and interference management;
- Matérn kernel adaptive filtering for efficient data processing in IoT systems;
- Smart sensor integration in structural health monitoring and IoT-enabled safety systems.

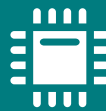
Guest Editor

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Message from the Editor-in-Chief

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