

## Special Issue

# Advances in Sensor-Based Lightweight and Adaptive Time Series Anomaly Detection

### Message from the Guest Editors

In an era marked by the exponential growth of time series data across diverse domains, the need for robust, efficient, and adaptable anomaly detection methods has never been greater. This Special Issue seeks to showcase cutting-edge research and innovations in the realm of time series data analysis. With a specific focus on the twin pillars of "lightweight" techniques that minimize computational overhead and "adaptive" approaches capable of real-time adjustment, this Special Issue invites contributions that explore novel solutions to the challenges posed by time series anomaly detection. This Special Issue serves as a platform for the dissemination of research that pushes the boundaries of time series anomaly detection, bridging the gap between theoretical advancements and practical implementation. As we navigate an ever-evolving data landscape, the pursuit of lightweight, adaptive solutions is paramount to meeting the demands of the digital age, especially in the domains of IoT, electronic sensors, and robotics. We welcome submissions that contribute to this endeavor and anticipate publishing a collection of articles that will significantly impact this field.

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### Guest Editors

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### Deadline for manuscript submissions

closed (25 July 2024)



## Sensors

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## About the Journal

### Message from the Editor-in-Chief

*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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### Editor-in-Chief

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