Special Issue

Application of Time Series Analysis and Forecasting in Computer Science, 2nd Edition

Message from the Guest Editors

Time series analysis and forecasting have become increasingly vital in recent years due to the proliferation of electronics, the Internet of Things (IoT), and advanced smart sensor technologies. These advancements have enabled the collection of vast amounts of time series data across diverse domains such as finance, energy, healthcare, and environmental monitoring. This Special Issue aims to bring together researchers and practitioners working on novel methods and techniques for time series analysis and forecasting. It welcomes contributions across various application domains, including intelligent transportation, geographic information systems, economics, finance, and environmental science. We particularly encourage submissions that highlight cutting-edge advancements in LLM-driven time series analysis, time series foundation models, and their applications in solving real-world problems in these domains. Keywords

- time series analysis
- time series forecasting
- deep learning
- probabilistic forecasting
- forecasting applications
- temporal data modeling

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Deadline for manuscript submissions

closed (20 August 2025)

Electronics

About the Journal

Message from the Editor-in-Chief

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 guestedited by leading experts in selected topics of interest.

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