

Special Issue

Graph-Based Data Analysis

Message from the Guest Editors

Graph-based data analysis has emerged as a powerful framework for understanding intricate relationships within complex datasets. By representing data as graphs, where nodes represent entities and edges represent connections, we can uncover valuable insights that traditional data analysis methods may obscure. This Special Issue invites original research contributions that advance the field of graph-based data analysis, particularly those that leverage machine learning and deep learning techniques. We encourage submissions from a wide range of disciplines, including but not limited to the following:

- Social Network Analysis;
- Bioinformatics;
- Financial Analytics;
- Recommendation Systems;
- Transportation;
- Citation Network Analysis.

Potential topics include the following:

- Graph Neural Networks;
- Graph Embedding Techniques;
- Graph Clustering and Community Detection;
- Graph Anomaly Detection;
- Graph-based Natural Language Processing;
- Graph-based Reinforcement Learning;
- Graph-based Data Mining;
- Graph and Multiagent Systems.

Guest Editors

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Deadline for manuscript submissions

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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 guest-edited by leading experts in selected topics of interest.

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