Special Issue

Trustworthy AI for Graph Learning and Application

Message from the Guest Editors

This Special Issue seeks to serve as a platform for researchers, practitioners, and policymakers to converge and delve into the multifaceted challenges and opportunities presented by the development of trustworthy AI for graph learning and its diverse applications. We cordially invite original research papers that delve deeply into the key facets of trustworthiness within the context of graph-based AI systems. Contributions may explore innovative approaches to enhance the robustness of graph neural networks, develop explainable AI models that elucidate decision-making processes, examine ethical considerations and their implications, propose secure and privacy-preserving algorithms, or investigate any other pertinent aspect that contributes to the overall trustworthiness of AI in graph-related domains. Topics of interest include but are not limited to, the following:

- Robust graph neural networks;
- Explainable graph learning models;
- Ethical considerations in graph learning;
- Graph-based trustworthy recommendations;
- Scalable trustworthy graph processing;
- Human–AI collaboration in graph tasks;
- Trusted applications of graph learning.

Guest Editors

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Deadline for manuscript submissions

15 November 2025

Electronics

an Open Access Journal by MDPI

Impact Factor 2.6
CiteScore 6.1

mdpi.com/si/220395

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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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