# Special Issue

# Advances in Learning on Graphs and Information Networks

### Message from the Guest Editors

This Special Issue explores cutting-edge developments in machine learning techniques applied to graph-structured data and information networks. As our world becomes increasingly interconnected, the ability to effectively analyze and learn from complex relational data structures has become paramount across diverse domains. As more complex relationships between entities are being modeled, advancements in learning methods for graphs and networks are increasingly relevant across a wide range of applications. This Special Issue brings together cutting-edge research that explores the latest advancements in learning algorithms, representation techniques, and their applications in graph-structured data and information networks. Key topics include:

- Graph Neural Networks (GNNs)
- Graph Embeddings
- Graph-based Semi-Supervised and Unsupervised Learning
- Applications in Complex Networks
- Dynamic and Temporal Graph Learning
- Explainability and Fairness in Graph Learning

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