Special Issue

Advances in Graph Learning and Representation Models for Complex Network Analysis

Message from the Guest Editors

Graph-structured data pervade numerous domains, underpinning systems and processes ranging from social and communication networks to biological pathways, financial systems, recommendation engines, and knowledge graphs. Effectively learning from and analyzing such data remains a central challenge in machine learning and network science. This Special Issue aims to bring together leading-edge research that explores the design, implementation, and application of graph learning and representation model. We seek to highlight both foundational innovations and practical insights that push the boundaries of what is possible in graph-based learning, with particular attention to model scalability, interpretability, and cross-domain utility.

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Message from the Editor-in-Chief

Big Data and Cognitive Computing (BDCC) is a scholarly online journal which provides a platform for big data theories with emerging technologies on smart clouds and exploring supercomputers with new cognitive applications. It is a peer-reviewed, open access journal that publishes high quality original articles, reviews and short communications. The primary aims of this journal are to encourage contributions of high quality scientific papers relating to data management and analytics in industry, such as manufacturing, healthcare, education, media and business, data mining, and cognitive science. There is no restriction on the maximum length of the papers.

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