

Call for Papers

Special Issue on Graph Data Management in Online Social Networks

World Wide Web Journal

Graph data has received increasing attention from different disciplines including computer science, biology, medical science, and physics, due to its powerful representation ability for complex entities and their relationships. Graph data management, which concerns techniques in modelling, storing, querying, and learning graph data has been found particularly useful in online social network (OSN) analysis, such as expert finding, social community mining and social position detection. The purpose of this special issue is to bring together some recent and significant results in analysing OSNs with novel graph data management techniques in a timely fashion.

The topics of this special issue include but are not limited to:

- Graph based models and optimization algorithms in online social networks
- Graph matching algorithms in online social networks
- Graph learning and embedding in online social networks
- Graph index techniques in online social networks
- Trust, security and privacy issues for online social networks
- Graph data transformation in online social networks
- Dynamic and spatio-temporal graph management in online social networks
- Distributed and parallel graph data management in online social networks
- Knowledge and semantic graph management in online social networks

Important Dates

Submission deadline: May 31, 2019

Guest Editors

Prof. Kai Zheng, *University of Electronic Science and Technology of China*

Dr. Guanfeng Liu, *Macquarie University, Australia*

Prof. Mehmet A. Orgun, *Macquarie University, Australia*

Prof. Junping Du, *Beijing University of Posts and Telecommunications, China*

Paper Submission

- Authors are encouraged to submit high quality, original work that has neither appeared in, nor is under consideration by, other journals.
- All papers will be reviewed following standard reviewing procedures for the Journal.
- Papers must be prepared in accordance with the Journal guidelines:
<http://www.springer.com/11280>
- Submit manuscripts via <https://www.editorialmanager.com/wwwj> by choosing the article type **SI: Graph Data Management in Online Social Networks**