

NEW TITLE

International Journal of

Social Network Mining

Scope of the Journal

In recent years, social network research has advanced significantly; this has been highly influenced by the online social websites and instant messaging systems. People increasingly perceive the Web as a social medium that fosters interaction among people, sharing of experiences and knowledge, group activities, community formation and evolution.

IJSNM addresses important aspects of interest to practitioners and researchers with a specific focus on the emerging trends and industry needs associated with utilising data mining techniques for social networking analysis. The journal solicits experimental and theoretical work on social network analysis using data mining techniques, including

- *data mining advances in the discovery and analysis of communities, on personalisation for solitary activities (such as search) and social activities (such as discovery of potential friends), on the analysis of user behaviour in open forums (such as conventional sites, blogs and forums) and in commercial platforms (such as e-auctions) and on the associated security and privacy-preservation challenges;*
- *social network modelling, scalable, customisable social network infrastructure construction, dynamic growth and evolution, and pattern identification and discovery using machine learning approaches or multi-agent based simulation.*

Papers should elaborate on data mining or related methods, and issues associated to data preparation and pattern interpretation, both for conventional data (usage logs, query logs, document collections) and for multimedia data (pictures and their annotations, multi-channel usage data).

Subject coverage:

The topics to be covered by the journal include but are not limited to:

- Web communities
- Personalisation for search and for social interaction
- Recommendations for product purchase, information acquisition and establishment of social relations
- Recommendation networks
- Data protection inside communities
- Misbehaviour detection in communities
- Preparing data for web mining
- Pattern presentation for end-users and experts
- Evolution of communities in the Web
- Community discovery in large-scale social networks
- Dynamics and evolution patterns of social networks, trend prediction
- Contextual social network analysis
- Temporal analysis on social networks topologies
- Search algorithms on social networks
- Multi-agent based social network modelling and analysis
- Large-scale graph algorithms

- Applications of social network analysis
- Anomaly detection in social network evolution



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What the editors say about IJSNM

I am honoured to serve as Regional Editor of the IJSNM; its focus on data mining for social network analysis is quite distinct. There is a great need of advanced data mining methods and tools to understand social networks and to foster new social-based technologies. IJSNM is expected to become a lead journal in this area by publishing high quality research articles.

Donato Malerba
(Univ. Bari, Italy)

I observe a very strong interest among practitioners of data mining in working with the data derived from different social networks. As network mining is proving its value, it is rewarding to see that IJSNM will become a quality forum for publishing results in this rising field. In my mind, development of this specialized journal bears witness to the growing importance of social networks as a research area, to the maturity of the discipline, and to the emergence of a vibrant community able to sustain and promote high quality peer-reviewed venue.

Stan Matwin
(Univ. Ottawa, Canada)

Thanks for your kind invitation. I feel honored with this opportunity to help a new journal to start finding its place in the overall scenario of communicating research advances on social networks' mining, specially those related to my area of expertise. I will do my best to get the quality standards as high as possible.

Perfecto Herrera-Boyer
(Univ. Pompeu Fabra, Spain)

Thank you very much for your kind invitation! I think this journal is timely, and am pleased to accept your invitation to serve as its Asia and Far East Editor.

Jiming Liu
(Hong Kong Baptist Univ.)

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