Data Science or data driven science has recently attracted considerable attention. With advances in information technology and infrastructure, large amounts of data can be instantly analysed, interpreted, and visualized by scientists. One of the popular emerged techniques in Data Science is social network mining and anticipatory computing. Informetrics is the study of quantitative aspects of scientific research, library and information science using methods from other fields, such as computer science, network science, social sciences, mathematical sciences, medical and biological sciences, financial, management and political sciences. The main focus is usually on bibliometrics, webometrics and altmetrics. These days many social networks (e.g. Academic Social Networks (ASNs)) have emerged for professional interactions between academic scholars. Specifically, Informetrics on Social Network Mining is focused on using data mining techniques for dealing with informetrics tasks in ASNs. The impact of research work is related to a scholar's reputation and future promotions. Greater research impact not only inspires scholars to continue their research, but also increases the possibility of a larger research budget from sponsors.

We encourage submission of papers especially that are utilizing datasets of Academic Social Networks, such as, researchgate.net, mendeley.com, academia.edu and linkedin.com, but not limited to it. Bibliometric datasets, such as, Scopus.com, DBLP, Google Scholar, Miner.org or similar sources can also be used to perform or access various types of research data in academic domain.

Topics

- Anomaly Detection / Group Anomaly Detection
- Author Contribution Ranking and Patterns Mining
- Citations Prediction / Reference Prediction
- Community and Sub-Community Detection
- Dynamic Author Name Disambiguation
- Finding Emerging Research Streams or Topics / Tracing Research Topics
- Finding Author Collaboration Patterns
- Finding Influential Authors
- Reciprocal and Heterogeneous Link Prediction Techniques
- Classification and Prediction
- Clustering and Spatial Analysis
- Neural Networks and Deep Learning
- Ontology-based Meta-Analysis
- Semantic Mining
- Sequential Patterns Mining or Association Discovery
- Social Network Analysis and Mining
Submission guidelines:
The issue will carry revised and substantially extended versions of selected papers presented at the International Conference on Innovative Computing and Communication (ICICC-2020), but we are also inviting other experts to submit articles for this call.

Authors are invited to submit original research contributions by following the detailed instructions given on the journal website. Questions about the special issue should be directed to the Guest Editors.

Schedule
Submission deadline: April 30, 2020
First round review/rejection: June 30, 2020
Revision due: July 30, 2020
Final notification (Acceptance/ Rejection): August 31, 2020

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