Special Issue

Information Network Mining and Applications

Message from the Guest Editors

This Special Issue welcomes original algorithmic, methodological, theoretical, statistical, or systems-based contributions to information network research and, in particular, applications broadly related to knowledge graphs, social networks, stock prediction, online shopping, recommendation systems, self-driving car, bioinformatics and medical informatics. Research papers and comprehensive reviews may focus on (but are not restricted to) the following research areas:

- Network/graph representation learning for homogeneous or heterogeneous information networks;
- Network/graph modelling like multi-modal, multi-relational, and dynamic graphs;
- Graph transformer and graph convolutional neural network;
- Data mining based on knowledge graphs, linguistics graphs, bibliographic graphs, textual graphs, social networks, traffic networks, and molecules;
- Parallel computing for information network analysis;
- Visual searching and browsing of information networks;
- Applications of information network mining in e-commerce, text mining, stock prediction, recommendation systems, self-driving car, bioinformatics and medical informatics, and so on;
- Information networks for explainable AI.

Guest Editors

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

The concept of entropy is traditionally a quantity in physics that has to do with temperature. However, it is now clear that entropy is deeply related to information theory and the process of inference. As such, entropic techniques have found broad application in the sciences.

Entropy is an online open access journal providing an advanced forum for the development and/or application of entropic and information-theoretic studies in a wide variety of applications. *Entropy* is inviting innovative and insightful contributions. Please consider *Entropy* as an exceptional home for your manuscript.

Editor-in-Chief

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