



DaMNet 2017 The Seventh IEEE ICDM Workshop on Data Mining in Networks Nov. 18, 2017, New Orleans, USA (<http://damnet.reading.ac.uk>) *A Workshop of the IEEE International Conference on Data Mining (ICDM)*

Workshop Overview

The complexity of numerous social, biological, and communication networks is driving many researchers towards the adoption of data mining approaches. The characterization, management and control of complex networks are challenging tasks, common to many areas of Science. The Workshop on Data Mining in Networks intends to facilitate the exchange of ideas among various research communities that share a common interest in extracting data-driven models from complex networks. The workshop focus will encompass data mining algorithms and applications for complex networks, such as communication networks, social networks, biological networks, citation networks, etc. The workshop is aimed at researchers in Computer Science and other disciplines like Mathematics, Biology, Neuroscience, etc. The workshop is co-located with ICDM 2017, the IEEE International Conference on Data Mining (<http://icdm2017.bigke.org/>).

Important Dates

Workshop papers submission:	August 7, 2017
Notifications of paper acceptance:	September 4, 2017
Workshop date:	November 18, 2017

Workshop Chairs

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Topics of Interest

Contributions are sought in all Data Mining algorithms and applications in Networks, including computer networks and any other complex interconnected system. Submissions on data mining applications of particular interest are also welcome.

Data Mining algorithms and frameworks:

- Parallel and Distributed Data Mining algorithms
- Graph and Subgraph Mining
- Data Mining in Communication Network and Service Management
- Analysis, modeling and visualization of complex and evolving networks
- Data Mining applications in Networks

Application domains:

- Computer Networks: Autonomous and Autonomic Networks, P2P, MANET, WSN
- Distributed Computing Systems: Grid/Cloud, WWW, Internet of Things (IoT)
- Social Networks, Citation Networks
- Scale-free and small-world networks
- Bioinformatics, Neuroinformatics

Submissions

Papers submitted to this workshop must not have been accepted for publication elsewhere or be under review for another workshop, conference or journal. Papers must be formatted to IEEE Computer Society proceedings manuscript style.

Workshop Proceedings and Journal Special Issue

Accepted papers will be included in the IEEE ICDM 2017 Workshops Proceedings volume published by IEEE Computer Society Press (also included in the IEEE Xplore Digital Library).