

Call for papers -- ICDM MGCS Workshop 2007

IEEE ICDM Workshop on Mining Graphs and Complex Structures (MGCS'07)
www.xifengyan.net/MGCS2007

In conjunction with the Seventh IEEE International Conference of Data Mining (ICDM 2007)
October 28, 2007, Omaha, NE, USA

Submission site: http://wi-lab.com/cyberchair/icdm07/scripts/ws_submit.php (choose Workshop #7: Workshop on Mining Graphs and Complex Structures)

Papers Due: Friday June 22nd, 2007

ABSTRACT

MGCS'07 calls for contributions related to mining of graphs and other complex data, such as sequences, trees, and high dimensional structures. Scalable methods for mining, clustering, classification and search in graphs and other complex structures have become increasingly important in data mining and database management with broad applications in bioinformatics, chemical informatics, computer vision, search, security, semantic web, and social science. The workshop intends to gather researchers and developers with an interest in developing algorithms and systems for novel knowledge discovery in graph and complex data.

TOPICS OF INTEREST

- * Applications of graph mining (business, software, systems, e-commerce, security)
- * Biological network mining
- * Constrained graph mining
- * Dynamic graph mining
- * Foundations of graph mining
- * Graph classification
- * Graph clustering
- * Graph grammar inference and ILP
- * Graph visualization
- * High performance graph mining
- * Link analysis
- * Kernel methods for graphs
- * Scalable data mining algorithms for graph and complex data
- * Social network analysis
- * Spatial graph mining and 2D/3D structure mining
- * Scientific graph mining
- * Tree mining

PAPER SUBMISSION

Paper submissions should be limited to a maximum of 6 pages in the IEEE 2-column format; the same as the camera-ready format (see the IEEE Computer Society Press Proceedings Author Guidelines at <http://www.computer.org/portal/pages/cscps/cps/final/icdm06.xml>). All papers will be reviewed by the Program Committee on the basis of technical quality, relevance to graph/network mining, originality, significance, and clarity.

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IMPORTANT DATES

June 22, 2007, Submission of papers
August 1, 2007, Notification
August 17, 2007, Camera Ready Papers

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