Call for Papers

International Workshop on Graph Data Analysis and Management (GDAM 2015)
December 6, 2015, Singapore (http://www.cs.gsu.edu/GDAM15/)
co-located with IEEE/WIC/ACM Web Intelligence Conference 2015 (http://wi-iat15.ntulily.org/wi/)

The International Workshop on Graph Data Analysis and Management (GDAM 2015) provides a forum for the exchange of ideas and results among researchers, developers, and practitioners working on all aspects of graph data management, mining, and applications. Improvements in data generation and exchange over the Web have caused a tremendous explosion in the amount of graph-like data and have necessitated the need for sophisticated storage, analysis and mining techniques. This workshop aims to provide an avenue for presentation of novel and efficient algorithms and storage structures for managing and mining big graph data. Topics of interest include but not limited to:

Graph Data Management: Graph representation, storage, indexing and querying methods; Distributed storage techniques; Graph query languages, visualization and interfaces; Benchmarking RDF and/or graph database systems; Managing graph updates; Evolving and heterogeneous graphs; Graph integration techniques; Algorithms for big graph data; Graph data modeling

Graph Mining: Graph summarization and sampling; Graph clustering, partitioning and classification methods; Frequent sub-graph mining, graph pattern matching; Parallel graph processing techniques and architectures; Knowledge discovery from graphs; Measuring graph characteristics; Approximation techniques; Graph search algorithms

Graph Applications: Social networks; Biological networks; Web analysis and mining; Business data analysis; Healthcare data; Sensor networks; Internet of things; Cyber-Security; Recommendation systems

SUBMISSION GUIDELINES AND PUBLICATION DETAILS
Please submit papers at: http://wi-iat15.ntulily.org/wi/participants-cfpater.html. Selected papers for presentation at the workshop will be allocated 4 pages in the Workshop proceedings to be published by the IEEE Computer Society Press and distributed at the workshop. Negotiations are underway with World Scientific Publishers to produce a book that will include extended versions of the selected papers.

KEY DATES
Paper submission: July 22, 2015
Author notification: August 10, 2015
Final version due: September 1, 2015

CONTACT
Sameep Mehta, IBM Research, New Delhi, India
Shourya Roy, Xerox Research, New Delhi, India
Raj Sunderraman, Georgia State University, Atlanta, USA (Contact: raj@cs.gsu.edu)