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WAW 2009

The 6-th Workshop on Algorithms and Models for the Web Graph

<http://waw2009.ewi.utwente.nl>**February 11-12, 2009, Barcelona, Spain***co-located with WSDM2009***CALL FOR PAPERS**

The World Wide Web has become part of our everyday life, and information retrieval and data mining on the Web are now of enormous practical interest. The algorithms supporting these activities combine the view of the Web as a text repository and as a graph, induced in various ways by links among pages, links among hosts, or other similar networks. We also witness an increasing role of the second generation Web-based applications Web 2.0 such as social networking sites and wiki sites.

The aim of the 6-th Workshop on Algorithms and Models for the Web Graph (WAW2009) is to further the understanding of the Web and Web 2.0 graphs, and stimulate the development of high-performance algorithms and applications for Web and Web 2.0. The workshop will also welcome the researchers who are working on graph-theoretic and algorithmic aspects of citation networks, social networks, biological networks, molecular networks, and Internet.

TOPICS OF INTEREST

- Algorithms for analyzing Web graphs and other large self-organizing networks;
- Application of Web graph algorithms to data mining and information retrieval;
- Combining link and content information in Web mining;
- Random graph models and their experimental validation;
- Graph Clustering and Visualization;
- Wikipedia graph structure and evolution;
- Graph structure and evolution of blogs, social bookmarking, peer-to-peer networks, open source communities, photo and video sharing communities, and online business networks;
- Social network analysis, including community and structural properties discovery;
- Collaborative Filtering analysis and algorithms;
- Graph based Trust and Reputation Measures;
- Citation networks;
- Graph-theoretic methods for complex networks in bioinformatics, economics, telecommunications.

IMPORTANT DATES**Full paper due: September 20, 2008** ~~September 10, 2008~~**Notification of acceptance:** November 1, 2008**Final version due:** November 15, 2008

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