

International Conference on Information Processing and
Management of Uncertainty in Knowledge-Based Systems
Special Session on Uncertainty in Network Mining

Dortmund, Germany
June 28 - July 02, 2010

UNM 2010



UNM 2010 – Special Session on Uncertainty in Network Mining

This special session will be organized by the Competence Center for Information Retrieval and Machine Learning of the DAI-Labor at Technische Universität Berlin in conjunction with the Computational Intelligence working group at the Department of Knowledge and Language Processing, Otto-von-Guericke-Universität Magdeburg.

The special session will be held in the conference centre “Westfalenhallen” in Dortmund, a renowned city located in the Ruhrarea, the former industrial heart of western Germany.

Topics

- Probabilistic network models
- Uncertainty in social and media network modeling
- Probabilistic graph-based recommendation
- Methods for link prediction
- Modeling heterogeneous networks
- Probabilistic mining of ontology-based networks

Types of papers

- New network models, extensions of established network or graph models in non-trivial ways
- New methods to solve practical machine learning or data mining problems
- Application of probabilistic network and graph mining methods to real-world data

The proceedings of the special session on Uncertainty in Network Mining will be published by Springer in the LNAI series as part of the IPMU 2010 proceedings. The maximum length of papers is **10 pages**.

Important Dates

Paper submission deadline	2010-01-27
Notification of acceptance	2010-03-22
Submission of final version	2010-04-04

Web: <http://dai-labor.de/unm2010/>

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