Call For Papers

Second European Workshop on Probabilistic Graphical Models

PGM'04

4–8 October, 2004, Lorentz Centre, Leiden, The Netherlands

The aim of this 5-days workshop with 3 days of oral presentations is to bring together researchers interested in probabilistic graphical models (PGMs) and to provide a forum for discussion of the latest research developments in this field. To promote debate among the participants of the workshop, the number of accepted papers will be limited to 30-40, and there will be no parallel sessions. As we will restrict the number of participants to not more than 60, participation is by invitation only. One or two days during the workshop will be devoted to collaborative research, for which purpose the Lorentz Centre offers special facilities. We welcome theoretical and applied results related to the following topics:

- Principles of Bayesian (belief) networks, chain graphs, decision networks / influence diagrams, Markov decision processes
- Modelling and evaluation of PGMs
- Exact and approximate inference algorithms for PGMs
- Machine learning and data-mining in the context of PGMs
- Exploitation of results from related disciplines, such as optimisation, search, decision and information theory, for the construction of PGMs
- Application of PGMs to real-world problems
- Software systems used in the development of PGMs, including systems which are used in a real-world setting

Submissions: Authors are invited to submit their papers **electronically**. Abstract registration: **28th May, 2004**; paper submission deadline: **1st June, 2004**.

Publication: Proceedings including all the accepted papers will be available at the workshop; in addition, on-line electronic proceedings will be available on the PGM'04 web site. Authors of the best papers will be asked to submit an enhanced and extended version of their paper to a special issue of a top-quality journal.

Further Information: Questions should be addressed to Peter Lucas by email (`peterl@cs.kun.nl`), or sent by post to:

Mrs. Nicole el Moustakim
PGM'04 Secretariat
Department of Information and Knowledge Systems
NIII, University of Nijmegen
Toernooiveld 1
6525 ED Nijmegen, The Netherlands
Tel: +31 24 3653456

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Peter Lucas	University of Nijmegen
Linda C. van der Gaag	Utrecht University

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Silja Renooij	Utrecht University

Key dates:

Abstract registration	28th May, 2004
Submission deadline	1st June, 2004
Notification of acceptance	15th July, 2004
Final version	1st September, 2004
Workshop	4-8 October, 2004

PGM'04 Web site:

`http://www.cs.kun.nl/pgm04`