ECAI Trentino 2006

Call for Papers

Workshop on
Ubiquitous User Modeling
UbiqUM 2006

affiliated with the 17th European Conference on Artificial Intelligence (ECAI 2006)

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Further Information

• Webpage: http://u2m.org/ubiqum2006

• Contact: ubiqum@gmail.com

• ECAI: http://ecai2006.itc.it

• Venue: Riva del Garda, Italy

Overview

Ubiquitous user modeling describes ongoing modeling and exploitation of user behaviour with a variety of systems that share their user models. The goal of this workshop is to bring together academic and industrial researchers from the communities of user modeling and ubiquitous computing to discuss the most innovative approaches to ubiquitous user modeling, to enhance the exchange of ideas and concepts, to determine the veins the research should proceed, and to go one step further towards personalization in ubiquitous computing and to enable ongoing model sharing.

Topics of Interest

Ubiquitous user modeling implies new challenges of scalability, scrutability and privacy. Furthermore, new issues of decentralization, communication and integration have to be addressed. The topics of interest include, but are not limited to:

• User modeling in mobile and ubiquitous computing
• Distributed and externalized user modeling
• Integrated reasoning and inferences with user and context models
• Spatial and temporal reasoning for ubiquitous user modeling
• Construction and acquisition of distributed user models
• Conflict resolution for ubiquitous user modeling
• User modeling in intelligent environments like smart homes or smart cars
• Semantic Web approaches and ontologies for distributed user modeling
• Ubiquitous user modeling for entertainment and cultural heritage
• Personalized user interfaces in pervasive computing
• Privacy, security and trust in ubiquitous user modeling

Furthermore, the interoperability of applications like recommender systems, adaptive hypermedia, e-learning, adaptive navigation guides or personalized shopping guides is of special interest.

Submission Guidelines:

Full papers with up to 6 pages and short papers with up to 3 pages are accepted for the UbiqUM workshop. The style files can be found at our webpage, where the submission process is described in detail.

Important Dates

• Paper submission deadline: April 10th, 2006
• Notification of acceptance: May 10th, 2006
• Final papers due: May 24th, 2006
• UbiqUM 2006 workshop: August 28th, 2006