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Contact Information:
<http://gate.ac.uk/conferences/um2005/>



10th International Conference on User Modeling

Edinburgh, Scotland, UK

23-29 July, 2005

The recognition and management of individual user preferences and needs plays a key role in the development of usable services and products. The International User Modeling Conferences represent the central forum for the discussion and presentation of research and industry results in the development of personalized systems, as well as basic research about personalization. In the last 25 years, the field of User Modeling has produced significant new theories and methods to analyze and model computer users in short and long-term interactions. Moreover, methods for personalizing human-computer interaction based on user models have been successfully developed, applied and evaluated in a number of domains, such as information filtering, e-commerce, adaptive natural language and adaptive educational systems. Previous successes in User Modeling research reflect the cooperation of researchers in different fields, including artificial intelligence, human-computer interaction, education, cognitive psychology and linguistics.

www.um.org

UM'2005 is being organised under the auspices
of User Modeling, Inc.

10th International Conference on User Modeling, UM'05

Edinburgh, Scotland, UK, 23-29 July, 2005

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Call for Papers

(Continued from Overleaf)

New trends in HCI create new and interesting challenges for User Modeling. While consolidating results in traditional domains of interest, the User Modeling field now also addresses problems of personalized interaction in mobile, ubiquitous and context-aware computing and in user interactions with embodied, autonomous agents. It also considers adaptation to user attitudes and affective states. Furthermore, the User Modeling research is being influenced by interdisciplinary fields, such as Customer Relationship Management, and could benefit from new emerging technologies for the communication in the Web, such as, for instance, Web Services and the Semantic Web.

The International User Modeling Conferences are characterized by active participation of people from the Academy and the Industry, and by lively discussions in a pleasant environment. UM'05 is the latest in a conference series begun in 1986, and follows recent meetings Johnstown (2003), Sonthofen (2001), Banff (1999), Sardinia (1997), Hawaii (1996) and Cape Cod (1994). As in past conferences, UM05 offers the following forms of participation: tutorials, invited talks, paper and poster sessions, a doctoral consortium, workshops and system demonstrations.

UM'05 invites submissions in following **categories**:

- Papers and posters
- Workshops
- Tutorials
- Doctoral Consortium

Relevant topics for the conference include, but are not limited, to:

- acquisition, updating and management of user models and student models
- security and privacy aspects in the management of user data
- evaluation of user modeling techniques
- user model representation standards
- user model information sharing in ubiquitous services and smart environments
- user modeling servers
- user modeling in the Semantic Web
- user modeling and adaptive systems
- applications of user modeling systems and techniques
- data mining for personalization and cross-recommendation
- affective computing
- adaptation to the handicapped and elderly
- adaptive hypermedia and Web systems
- intelligent information retrieval, information filtering and content personalization
- collaborative filtering and recommender systems
- adaptive user interfaces
- dialog planning and response tailoring
- plan recognition and generation
- presentation planning
- recognition and correction of misconceptions
- intelligent tutoring systems
- human-computer cooperation, user support
- adaptive learning environments
- personalized Web sites and services
- personalized interaction in Virtual Reality and 3D Interfaces
- personalized interaction in mobile, ubiquitous and context-aware computing
- embodied animated agents
- support of collaboration and group modeling
- engineering adaptive systems

All submissions will be reviewed on the basis of relevance, originality, significance, soundness and clarity.

Three referees will review each submission.

DEADLINES:

Preliminary workshop proposals	November 15, 2004
Papers and posters	November 22, 2004
Tutorial proposals, final workshop proposals	December 6, 2004
Doctoral Consortium Papers	January 28, 2005
Papers/Posters Notification	January 28, 2005
Camera-Ready Versions Submission	February 28, 2005
Workshop Papers Submission	March 7, 2005
Conference	23-29 July, 2005

FORMATS:

The proceedings of the conference will be published by Springer-Verlag in Lecture Notes in Computer Science (<http://www.springer.de/comp/lncs/index.html>) under the title "UM2005 User Modeling: Proceedings of the Tenth International Conference". For camera-ready format instructions, please see "For Authors" instructions at <http://www.springer.de/comp/lncs/authors.html>. The page limit is 10 pages for papers, 5 pages for posters, and 3 pages for the Doctoral Consortium submissions.