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Special Issue on User Interfaces for Recommender Systems

User Modeling and User-Adapted Interaction:
The Journal of Personalization Research
(An international journal published by Springer Verlag)

UMUAI Web site: http://www.umuai.org/

SCOPE OF THE SPECIAL ISSUE:

Recommender systems provide valuable support for users who are searching for products and services that fit their wishes and needs. The practical relevance of these systems is shown by a variety of commercial applications such as Amazon, Netflix, Trip Advisor, or Yahoo. Recommender systems research has long focused on optimizing the predictive accuracy of recommendation and filtering algorithms, a trend epitomized by the recent Netflix prize. An extremely important dimension not captured in this attention on predictive accuracy is the nature and perceived qualities of recommender systems from the user's point of view. The user interface (UI) of a recommender system can have a critical and decisive effect on factors such as the overall system usability, system acceptance, item rating behavior, selection behavior, trust, willingness to buy, willingness to reuse the recommender system, and the willingness to promote the system to other persons.

Recommender user interface research has become increasingly popular in this highly interdisciplinary research field. Due to the high interest in this topic (e.g., ACM Conference on Recommender Systems, IUI Conference Series, UMAP Conference Series, IJCAI Conference Series, and different workshops on Recommender Systems) we are preparing a journal special issue on “User Interfaces for Recommender Systems”. The goal of this special issue is to show novel and innovative research in the field. We encourage the submission of both studies aimed at modeling and studying the effect of UI design on user assessment, and case studies illustrating innovative UI techniques applied to recommender systems. More specifically, topics of interest include but are not limited to:

- Psychological issues in recommender user interfaces
- Recommender user interfaces and usability aspects
- Evaluation of the perceived qualities of recommender systems
- Cultural influences on recommender user interfaces
- Argumentation and explanation in recommender systems
- Consumer behavior and decision modeling for recommender systems
- Modeling recommendation dialogs and dialog strategies
- Preferences elicitation in recommender systems
- Personalized interfaces for knowledge acquisition and maintenance
- Recommendation of complex products and services
- Innovative interfaces and media for recommender systems

HOW TO SUBMIT:

Submissions to the special issue should follow the UMUAI formatting guidelines and submission instructions available at: http://www.umuai.org/paper_submission.html

Each submission should note that it is intended for the Special Issue on User Interfaces for Recommender Systems.

Potential authors are asked to submit a tentative title and short abstract (which can be altered for the actual submission) as soon as possible to assist in the formation of a panel of appropriate reviewers.

UMUAI is an archival journal that publishes mature and substantiated research results on the (dynamic) adaptation of computer systems to their human users, and the role that a model of the system about the user plays in this context. Many articles in UMUAI are quite comprehensive and describe the results of
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Several years of work. Consequently, UMUAI gives "unlimited" space to authors (so long as what they write is important). Authors whose paper exceeds 40 pages in journal format (including illustrations and references) are however requested to supply a short justification upon submission that explains why a briefer discussion of their research results would not be advisable.

REVIEW PROCESS:
Submissions will undergo the normal review process, and will be reviewed by three established researchers selected from a panel of reviewers formed for the special issue. Barring unforeseen problems, authors can expect to be notified regarding the review results within three months of submission.

IMPORTANT DATES:
- Notification of Intent to Submit: as soon as possible
- Submission of Title and Abstract: Nov 5th, 2010
- Manuscript Submission: Dec 1st, 2010

Submission site (also for abstracts):
http://www.easychair.org/conferences/?conf=umuai2011_uirecsys

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If you have any questions do not hesitate to ask the guest editors.