



Call for Papers **Special Issue on Recommender Systems**

Recommender Systems have proven to be a valuable means for online users to cope with the virtual information overload. Correspondingly, various techniques for information filtering and recommendation generation have been proposed and during the last decade, many of them have also been successfully deployed in commercial environments.

Still, research in Recommender Systems has not come to an end, in particular because the growing number of practical applications of such systems continuously raises new research questions. Innovative applications of recommender technology for instance may require more interactivity between the system and the online user or even different forms of recommendation reasoning. In addition, trust in the system's proposals and its explanations may play an important role for consolidating the acceptance of such systems. Finally, in order to further promote the industrial application of recommendation technology, the understanding of the effects of recommender systems on the user's buying behaviour has to be further improved and evaluated.

This special issue of AI Communications shall concentrate on recent research in these areas and thus solicits research articles on recommender system algorithms and applications, including but not limited to:

- Advances in recommendation techniques and algorithms
- Recommender system user interfaces and conversational approaches
- Explanations in recommender systems
- Hybrid approaches
- Evaluation of real-world recommender applications
- Group recommender systems
- Security and trust in recommender systems
- Semantic Web technologies and recommender systems
- New application areas for recommender system technology
- Consumer decision making and consumer buying behaviour models.

Paper Submission

Articles should be prepared according to the AICOM guidelines described at <http://aicom.star.dist.unige.it/cfp.html> and should be submitted via e-mail to dietmar@ifit.uni-klu.ac.at. Extended and revised versions of papers published in conference or workshop proceedings are also welcome. Paper submitters may be asked to review other papers submitted to the special issue.

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Journal homepage:

<http://aicom.star.dist.unige.it>

Special issue homepage:

<http://www.configworks.com/AICOM/index.html>