

CCF Transactions on

Pervasive Computing and Interaction

Call for Papers

Special Issue on Recommender System

Lead Guest Editors

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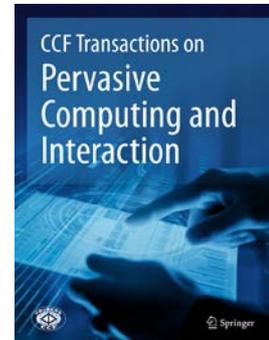
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Guest Editors

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Intelligent recommendation is used to recommend personalized services and goods to users. Recommender systems are now being utilized in various fields such as movies, music, news, posts, POIs, and products. With the rapid development of social media and intelligent sensing techniques, we can now gather huge amount of user-contributed data, which can be leveraged to better predict personality traits and create user profiles. However, their cross-space, multi-modal, and data-sparse nature also poses numerous challenges for intelligent recommender systems. In recent years, the upsurge in deep learning techniques has provided new means of dealing with such issues. Numerous new models, such as neural collaborative filtering, Wide&Deep, DeepFM, and xDeepFM, have thus been proposed. Several new directions such as explainable recommendation, and recommendation with knowledge graphs, are also being investigated. This thematic issue provides an opportunity for researchers and product developers to review and discuss the state-of-the-art in recommendation techniques, current trends and specific applications. Papers on theoretical, practical, and methodological issues in recommender systems are welcome. Potential topics include but are not limited to:

- User profiling;
- Novel recommendation algorithms;
- Context-aware recommendation;
- Recommendation in urban computing;
- Explainable recommendation;
- Recommendation with deep learning;
- Recommendation with knowledge graph;
- Recommendation with transfer learning;
- Recommendation with crowd intelligence;
- Recommender systems and applications;
- Social recommenders;
- privacy, security and ethics;
- Evaluation metrics and studies;

Manuscript preparation

Papers must contain original contributions and be prepared in accordance with the journal standards. Instructions for authors are available online at: <http://www.springer.com/42486>.

Manuscript submission

Manuscripts should be submitted online at: www.editorialmanager.com/tpci/default.aspx. Please select the category as "Special Issue on Recommender System" when submitting the paper. The cover letter should report the following statement: "This paper is submitted for possible publication in the special issue on Recommender System." All manuscripts will be subjected to the peer review process. If you have any questions relating to this focused section, please email one of the Guest Editors.

Important dates

- Paper submission: April 4, 2019
- Completion of first review: June 1, 2019
- Submission of revised papers: July 1, 2019
- Completion of final review: July 15, 2019
- Submission of final manuscripts and copyright forms: August 1, 2019
- Publication: September, 2019