



Next Generation of Recommender Systems

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Message from the Guest Editor

Dear Colleagues,

Recommender Systems (RS) have become an essential tool for society. The advent of social networks and the Internet of things have sharpened the information overload problem. RS are the main solution to this problem. RS are intelligent systems that learn the preferences of users and provide them a set of items that fit with those preferences. In other words, RS acts as a filter that allows the passage of relevant items to users and block irrelevant ones. RS have been applied to a wide variety of contexts, such as movies, books, e-commerce, social networks, e-learning, and so on.

We solicit original submission that improve RS on any of the following topics:

- collaborative filtering: Similarity metrics, quality measures, matrix factorization, cold start
- content based filtering: Topic modeling, folksonomies, geo-based recommendations
- social media data: Recommendations to group of users, followers, time-based recommendations





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Message from the Editor-in-Chief

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