Special Issue

Recommendations with Responsibility Constraints

Message from the Guest Editor

This Special Issue on “Recommendations with Responsibility Constraints” focuses on advancing methods and algorithms that promote fairness and transparency in recommender systems. Topics of interest include, but are not limited to:

- Fairness-aware recommendations;
- Fairness-aware explanations for recommendations;
- Unfairness discovery in recommender systems;
- Fairness assessment in recommender systems;
- Fairness correction in recommender systems;
- Intent-aware recommendations and explanations;
- Explanations of recommendations;
- Counterfactual explanations for recommendations;
- Explanation-based fairness audit for recommendations;
- Explanation-driven fairness by design;
- Interactive explanations for recommendations;
- Guidelines for trustworthy, explainable recommender systems;
- Auditing for fairness based on explanations in recommender systems;
- Explanations via visualization in recommender systems;
- Fairness for different stakeholders in recommender systems;
- Interactive explanations for providing feedback on recommendations.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Algorithms are the very core of Computer Science. The whole area has been considered from quite different perspectives, having led to the development of many sub-communities: Complexity theory (limitations), approximation or parameterized algorithms (types of problems), geometric algorithms (subject area), metaheuristics, algorithm engineering, medical imaging (applications), indicates the range of perspectives. Our journal welcomes submissions written from any of these perspectives, so that it may become a forum for exchange of ideas between the corresponding scientific subcommunities.

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