EDITORIAL MESSAGE
Special Track on Recommender Systems

Yong Zheng, *Illinois Institute of Technology, USA*
Markus Zanker, *Free University of Bolzano, Italy*
Li Chen, *Hong Kong Baptist University, Hong Kong, China*
Panagiotis Symeonidis, *University of the Aegean, Greece*

The track on recommender systems (RecSys) at the ACM SIGAPP Symposium On Applied Computing (ACM SAC) 2022 provides a dedicated forum to researchers in RecSys and other applied computing areas for discussing the open research problems, solid solutions, latest challenges, novel applications and innovative research approaches in RecSys. The development of RecSys promotes various research topics, such as user interaction and interfaces, algorithm design and evaluations, computational efficiency, and recommendation explanations. As one of applied sciences, the field of recommender systems attracts experts and receives contributions from multidisciplinary areas, including Artificial Intelligence, Human Computer Interaction, Data Science, Decision Support Systems, Marketing, etc. This is the 8th time to have a track on recommender systems associated with the ACM SAC.

The submissions and the selected papers from our track deal with a wide variety of recommender system issues including (not limited to) the topics as follows:

- Conversational recommender systems
- Context-aware recommenders
- Cross-domain recommendations
- Serendipity-oriented recommenders
- Recommendation explanation
- Novel recommender applications
- Data mining and machine learning for recommender development
- Preference/feedback elicitation
- Bias issues in recommender systems
- Evaluation metrics and studies
- User modeling in recommender systems

Our track is featured with 14 program committee members who are the experts in the area of recommender systems. This year, we received 27 valid submissions. The review process was very competitive with each paper receiving at least three reviews, and finally 6 full papers and 2 poster papers were selected for the track, bringing the acceptance rate to 22.22% for full papers.

We thank all the authors who submitted valuable papers to this track. We are grateful to the members of the Program Committee and to the additional reviewers. Without their support, the organization of the track's sessions would not have been possible. We also express our gratitude to organizations that made this track happen. We believe this track will continue to be a success in future editions of ACM SAC.

Accepted Long papers

- Yu Huang, Ju-Hui Tseng, Ching-Jui Hsiao, Hui-Mei Hung and Vincent S. Tseng. "IPreMom: A Continual Learning-Based Image Rating Framework for Infant Precious Moments Capturing"

- Elsa Negre and Jinfeng Zhong. "Shap-enhanced counterfactual explanations for recommendations"

- Ervin Dervishaj and Paolo Cremonesi. "GAN-based Matrix Factorization for Recommender Systems"

- Andrew Aquilina and Charlie Abela. "Predicting links in a social network based on recognised personalities"

- Rodrigo Borges and Kostas Stefanidis. "F2VAE: A Framework for Mitigating User Unfairness in Recommendation Systems"

- Denis Kotkov, Alan Medlar, Umesh Raj Satyal, Alexandr Maslov, Mats Neovius and Dorota Glowacka. "Rating consistency is consistently underrated: An exploratory analysis of movie-tag rating inconsistency"

Accepted Short/Poster papers

- Matteo Montanari, Cesare Bernardis and Paolo Cremonesi. "On the Impact of Data Sampling on Hyper-parameter Optimisation of Recommendation Algorithms"

- Georgios Boltzis and Evaggelia Pitoura. "Bias Disparity in Graph-Based Collaborative Filtering Recommenders"

Program Committee

Alejandro Bellogin, Universidad Autónoma de Madrid, Spain
Derek Bridge, Insight Centre for Data Analytics, Ireland
Marco DeGemmis, University of Bari Aldo Moro, Italy
Mehdi Elahi, University of Bergen, Norway
Dietmar Jannach, AAU Klagenfurt, Austria
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Dugang Liu, Shenzhen University, China
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Marko Tkalcic, University of Primorska in Koper, Slovenia
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