

EDITORIAL MESSAGE

Special Track on Recommender Systems: Theory, User Interactions and Applications

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The Track on Recommender Systems: Theory, User Interactions and Applications at ACM/SIGAPP Symposium on Applied Computing (ACM SAC) 2019 provides a dedicated forum to researchers in the area of recommender systems (RecSys) and user modeling for discussing 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. This track was hosted in ACM SAC in the years of 2013, 2014, 2017 and 2018 previously. Thus, it is already the 5th issue of a track on RecSys research associated with 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:

- **Recommender Systems**

- Conversational recommender systems

- Context-aware/Trust-based/Group/Social/Mobile and multi-channel recommenders

- Recommendation explanation

- New recommender applications

- Data mining and machine learning for development

- Novel paradigms, Theoretical foundations

- Preference elicitation

- Privacy and security issues in recommender systems

- Recommendation algorithms, Algorithm scalability, Evaluation metrics and studies

- Semantic technologies for recommendation

- **User modeling in Recommender Systems**

- User interface design

- User-adaptive interaction and personalization

- Empirical user studies

- Explanations in recommender systems

- User behavior analytics and user modeling

- User-centric studies and evaluations in recommender systems

- Privacy and security issues in recommender systems

- Recommender systems based on users' psychological characteristics, such as personality and emotions

This year, we received 22 valid submissions and based on a rigorous review process each paper received at least three reviews. Finally, 5 long papers and 3 short papers were selected for the track, bringing the acceptance rate down to 23% for long papers. Accepted long submissions are presented orally, while short papers will be presented as posters in the ACM SAC 2019.

Our track was supported by 26 expert program committee members and who worked hard to provide valuable reviews for the submissions to our track:

- Alejandro Bellogin, Universidad Autónoma de Madrid, Spain
- Ludovico Boratto, Eurecat, Barcelona, Spain
- Derek Bridge, Insight Centre for Data Analytics, Ireland
- Robin Burke, DePaul University, USA
- Ivan Cantador, Universidad Autónoma de Madrid, Spain
- Paolo Cremonesi, Politecnico di Milan, Italy
- Marco DeGemmis, University of Bari, Italy
- Zhenhua Dong, Huawei, Inc, China
- Mehdi Elahi, Free University of Bozen-Bolzano, Italy
- Jonathan Gemmell, DePaul University, USA
- Guibing Guo, Northeastern University, China
- Dietmar Jannach, AAU Klagenfurt, Austria
- Michael Jugovac, TU Dortmund, Germany
- Bart Knijnenburg, Clemson University, USA
- Andrej Košir, University of Ljubljana, Slovenia
- Pasquale Lops, University of Bari Aldo Moro, Italy
- Cataldo Musto, University of Bari Aldo Moro, Italy
- Julia Neidhardt, TU Vienna, Austria
- Weike Pan, Shenzhen University, China
- Francesco Ricci, Free University of Bozen-Bolzano, Italy
- Shaghayegh Sahebi, University at Albany, SUNY, USA
- Fabio Stella, University of Milan-Bicocca, Italy
- Zhu Sun, Nanyang Technological University, Singapore
- Marko Tkalčič, Free University of Bozen-Bolzano, Italy
- Jie Yang, Delft University of Technology, Netherlands
- Rongting Zhang, UT Austin, USA

Finally, we thank all the authors who submitted their valuable papers to this track and we are very grateful to the members of the Program Committee. 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 the future editions of ACM SAC.

Track Chairs

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