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Vinay Setty (Eds.)

Advances in Information Retrieval

44th European Conference on IR Research, ECIR 2022
Stavanger, Norway, April 10–14, 2022
Proceedings, Part I

1
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Preface

The 44th European Conference on Information Retrieval (ECIR 2022) was held in Stavanger, Norway, during April 10–14, 2022, and brought together hundreds of researchers from Europe and abroad. The conference was organized by the University of Stavanger, in cooperation with the British Computer Society’s Information Retrieval Specialist Group (BCS IRSG).

These proceedings contain the papers related to the presentations, workshops, and tutorials given during the conference. This year’s ECIR program boasted a variety of novel work from contributors from all around the world. In total, 395 papers from authors in 53 countries were submitted to the different tracks.

The final program included 35 full papers (20% acceptance rate), 29 short papers (22% acceptance rate), 12 demonstration papers (55% acceptance rate), 11 reproducibility papers (61% acceptance rate), 12 doctoral consortium papers (71% acceptance rate), and 13 invited CLEF papers. All submissions were peer-reviewed by at least three international Program Committee members to ensure that only submissions of the highest relevance and quality were included in the final program. The acceptance decisions were further informed by discussions among the reviewers for each submitted paper, led by a senior Program Committee member.

The accepted papers cover the state of the art in information retrieval: advances in ranking models, applications of entities and knowledge graphs, evaluation, multimodal retrieval, recommender systems, query understanding, user simulation studies, etc. As in previous years, the ECIR 2022 program contained a high proportion of papers with students as first authors, as well as papers from a variety of universities, research institutes, and commercial organizations.

In addition to the papers, the program also included three keynotes, four tutorials, five workshops, a doctoral consortium, the presentation of selected papers from the 2021 issues of the Information Retrieval Journal, and an industry day. Keynote talks were given by Isabelle Augenstein (University of Copenhagen), Peter Flach (University of Bristol), and this year’s BCS IRSG Karen Spärck Jones Award winner, Ivan Vulić (University of Cambridge & PolyAI). The tutorials covered a range of topics including high recall retrieval, incrementally testing for online advertising, information extraction from social media, and keyphrase identification, while the workshops brought together participants to discuss algorithmic bias in search and recommendation (BIAS), bibliometrics (BIR), online misinformation (ROMCIR), narrative extraction (Text2Story), and technology-assisted review systems (ALTARS).

The success of ECIR 2022 would not have been possible without all the help from the team of volunteers and reviewers. We wish to thank all the reviewers and meta-reviewers who helped to ensure the high quality of the program. We also wish to thank the reproducibility chairs: Faegheh Hasibi and Carsten Eickhoff; the demo chairs: Theodora Tsikrika and Udo Kruschwitz; the workshop chairs: Lucie Flek and Javier Parapar; the tutorial chairs: Nazli Goharian and Shuo Zhang; the industry chairs: Jiyin

He and Marcel Worring; the doctoral consortium chairs: Asia Biega and Alistair Moffat; and the awards chair: Maarten de Rijke. We would like to thank our local administration chair, Russel Wolff, along with all the student volunteers who helped to create an excellent online and offline experience for participants and attendees.

ECIR 2022 was sponsored by Amazon, Bloomberg, Cobrainer, Elsevier, Google, the L3S Research Center, MediaFutures, the Norwegian University of Science and Technology, NorwAI, Schibsted, SIGIR, Signal AI, Spotify, Springer, Textkernel, Thomson Reuters, the University of Stavanger, Vespa AI, and Wayfair. We thank them all for their support.

Finally, we wish to thank all the authors and contributors to the conference.

April 2022

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