

Preface

This volume contains the papers presented at the 13th Italian Information Retrieval Workshop (IIR2023) held on June 8th and June 9th, 2023 in Pisa, Italy. The purpose of the Italian Information Retrieval (IIR) workshop series is to provide a forum for stimulating and disseminating research in information retrieval, where Italian researchers and researchers affiliated with Italian institutions can network and discuss their research results in an informal way. Previously IIR workshops took place in Milan (2022), Bari (2021), Padua (2019) Rome (2018), Lugano (2017), Venice (2016), Cagliari (2015), Rome (2014), Pisa (2013), Bari (2012), Milan (2011), and Padua (2010).

The contributions to IIR 2023 mainly address the following relevant topics:

- *Search and Ranking*: Research on core Information Retrieval (IR) algorithmic topics, including IR at scale
- *Recommendation, Content Analysis, and Classification*: Research focusing on recommender systems (RS), rich content representations and content analysis.
- *Artificial Intelligence, NLP, Semantics, and Dialog*: Research bridging AI and IR –, especially toward deep semantics — and dialog with intelligent agents.
- *Domain-Specific Applications*: Research focusing on domain-specific challenges.
- *Human Factors and Interfaces*: Research into user-centric aspects of IR, including user interfaces, behavior modeling, privacy, and interactive systems.
- *Evaluation*: Research that focuses on the measurement and evaluation of IR systems.
- *Future Directions*: Research with theoretical or empirical contributions on new technical or social aspects of IR, especially in more speculative directions or with emerging technologies.

We received submissions of original papers presenting new research results and extended abstracts containing descriptions of ongoing projects or summarizing already published results. The program committee involved 38 researchers, equally divided among IR and RS. At least two program committee members reviewed each submission. The reviewers looked at originality, technical depth, style of presentation, and impact. Finally, the committee decided to accept 5 original papers and 28 extended abstracts for presentation at the workshop. Out of these, 24 papers were further published on the proceedings.

The program also included two invited talks. The first talk, titled “Re-Thinking Re-Ranking”, was given by Sean Macavaney from the University of Glasgow. The second was by Christine Bauer from the Paris Lodron University Salzburg and was entitled “Three views of a secret: Embracing multiple perspectives in the evaluation of information retrieval and recommender systems”.

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The success of IIR 2023 would not have been possible without the considerable effort of several people and organizations, including the Program Committee, and the participants who contribute their time and effort. We thank the High Performance Computing Laboratory (HPC Lab) at the Information Science and Technologies Institute (ISTI) of the National Research Council of Italy (CNR) and the Special Interest Group on Information Retrieval (SIGIR) for their invaluable financial support.

Thank you all very much!

June, 2023

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