Preface

This volume contains the papers presented at the 12th Italian Information Retrieval Workshop (IIR2022) held on June 29 and June 30, 2022 in Milan, 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 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 IIR2022 mainly address the following relevant topics:

– Machine Learning for retrieval and recommendation
– User interfaces and conversational user interaction
– Evaluation of retrieval and recommendation systems
– Replication and reproducibility of algoritms and results
– Novel application domains and datasets

We received submissions of original papers presenting new research results as well as extended abstracts containing descriptions of ongoing projects or summarizing already published results. Each submission was reviewed by at least two program committee members. The reviewers looked at originality, technical depth, style of presentation, and impact. Finally, the committee decided to accept 23 papers for presentation at the workshop. The program also included two invited talks. The first was given by Nicola Tonellotto from University of Pisa, Italy, on "Pseudo-Relevance Feedback in the Era of Dense Retrieval". The second talk was by Marko Tkalcic from University of Primorska, Slovenia. The talk was entitled "From Implicit Data to Cognitive Models for Recommender Systems".

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