

Preface

The Italian Information Retrieval (IIR) Workshop was created in 2009 by Massimo Melucci, Stefano Mizzaro, and Gabriella Pasi during a meeting at the European Summer School in Information Retrieval (Padova, Italy, 2009, <http://essir2009.dei.unipd.it/>). The purpose of the IIR workshop is to provide a meeting forum for stimulating and disseminating research in Information Retrieval, where early-stage researchers can network and discuss their research results in an informal way. Since its first edition in 2010, IIR grew thanks to the support and the cooperation of the Italian scientific community. After Padova (2010) the workshop took place in Milan (2011), Bari (2012), Pisa (2013), Rome (2014), Cagliari (2015), Venice (2016), Lugano (2017), and Rome (2018).

This volume contains the papers presented at IIR 2019, the 10th edition of the Italian Information Retrieval Workshop held on September 16-18, 2019 at the Department of Information Engineering of the University of Padova. The contributions to IIR 2019 mainly address seven relevant topics:

- Search and Ranking: Research on core IR algorithmic topics, including IR at scale.
- Domain-Specific Applications: Research focusing on domain-specific IR challenges.
- Content Analysis, Recommendation, and Classification: Research focusing on recommender systems, rich content representations, and content analysis.
- Artificial Intelligence, Semantics, and Dialog: Research bridging AI and IR, especially toward deep semantics and dialog with intelligent agents.
- 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 23 submissions, both full and short original papers presenting new research results as well as extended abstracts containing descriptions of ongoing projects or presenting already published results. Each submission was reviewed by at least two program committee members. Finally, the committee decided to accept 20 papers for presentation at the workshop, 17 of which are included in these proceedings. The program also included three invited talks by researchers who have contributed at the national and international level.

The Workshop Organizers:

Maristella Agosti, University of Padova
Emanuele Di Buccio, University of Padova
Massimo Melucci, University of Padova
Stefano Mizzaro, University of Udine
Gabriella Pasi, University of Milano-Bicocca
Fabrizio Silvestri, Facebook

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