TIR 2019 – 16th International Workshop on Technologies for Information Retrieval

in conjunction with the
30th International Conference on Database and Expert Systems Applications, DEXA 2019
Linz, Austria
August 26th – August 29th 2019

http://tir.webis.de

Call for Papers

The development of advanced retrieval solutions requires the understanding and the combination of methods from different research areas, including machine learning, (big) data mining, natural language processing, artificial intelligence, user interaction and modeling, and Web engineering. In addition, societal challenges such as information quality, bias, or the trustworthiness of the stated facts and arguments have come into focus.

In this regard the TIR workshop provides a platform for presenting and discussing new solutions, novel ideas, or specific tools for future retrieval and text understanding systems. The following list organizes classic and recent topics for which contributions are welcome, but not limited to:

- **Theory**. Retrieval models, similarity measures, formal analysis
- **Evaluation**. Corpus construction, experiment design, performance measures, reproducibility, benchmarking of Information Retrieval and Machine Learning algorithms
- **Information Quality and Provenance**. Text quality assessment, text reuse, trust and author reputation, provenance analytics
- **Natural Language Technologies for IR Applications**. Opinion mining, text summarization and simplification, question answering, discourse and argument mining
- **Personalization**. Personalized retrieval, context detection, user profiling, user modeling
- **Web Search**. Ranking and recommendation, query classification and segmentation, vertical search, dynamic taxonomy generation
- **Social Media Analytics**. People analytics, social network analysis, trend analysis
- **Semantic Web**. Meta data analysis and tagging, knowledge extraction, inference and linking
- **Machine Learning**. Representation learning for text mining
- **Explanations**. Explainable IR models, result explanations, evaluation of explanations

The TIR workshop is held for the sixteenth time. Past workshops could attract high-quality and innovative contributions and were characterized by an open and stimulating atmosphere.

Submissions must be original, unpublished contributions and must not be under submission elsewhere. Papers are limited to 5 pages in IEEE format (two columns, A4) and must be written in English. Submitted papers will be peer-reviewed by at least three experts from the related field. At least one author of each accepted paper is required to register for the DEXA'19 conference, attend the workshop, and present the paper. Accepted papers will appear in the proceedings of DEXA'19 Workshops published by Springer in Communications in Computer and Information Science – CCIS.

Important Dates

- April 19, 2019: Deadline for paper submission (23:59 CET), extended
- May 23, 2019: Notification to authors
- June 08, 2019: Camera-ready copy due

Organizers

Christin Seifert (Co-Chair), University of Twente, The Netherlands
Benno Stein (Co-Chair), Bauhaus-Universität Weimar, Germany
Michael Granitzer (Co-Chair), University of Passau, Germany