

# TIR 2014 – 11<sup>th</sup> International Workshop on Text-Based Information Retrieval

in conjunction with the  
25<sup>th</sup> International Conference on Database and Expert Systems Applications, DEXA 2014  
Munich, Germany  
September 1<sup>st</sup> – September 4<sup>th</sup> 2014

<http://tir.webis.de>

## Call for Papers

Intelligent algorithms for data mining and information retrieval are the key technology to cope with the information need challenges in our media-centered society. Methods for text-based information retrieval receive special attention, which results from the important role of written text, from the high availability of the World Wide Web, and from the enormous impact of Web communities and social media on our life.

The development of advanced information retrieval solutions requires the understanding and the combination of methods from different research areas, including machine learning, data mining, computer linguistics, artificial intelligence, user interaction and modeling, Web engineering, or distributed systems. This workshop provides a common platform for presenting and discussing new solutions, novel ideas, or specific tools focusing on text-based information retrieval. The following list organizes classic and ongoing topics for which contributions are welcome, but are not limited to:

- **Theory.** Retrieval models, language models, similarity measures, formal analysis
- **Web Search.** Ranking, indexing, semantic search, query classification and segmentation, relevance feedback, vertical search
- **Personalization and User Mining.** Just-in-time retrieval, personalized retrieval, context detection, profile mining
- **Multilinguality.** Cross-language retrieval, machine translation, language identification
- **Evaluation.** Corpus construction, experiment design, performance measures
- **Text Mining and Classification.** Web mining, text reuse, topic identification, sentiment analysis
- **NLP.** Information extraction, text summarization and simplification, named entity recognition, question answering
- **Social Media Analysis.** Community mining, social network analysis, trend analysis, information diffusion
- **Information Quality.** Text quality assessment, quality-based ranking, readability assessment, trust and author reputation
- **Big Data Text Analytics.** Parallel and distributed retrieval, online algorithms, scalability
- **Semantic Web.** Meta data analysis and tagging, knowledge extraction, inference, maintenance

The workshop is held for the eleventh time. In the past, it was characterized by a stimulating atmosphere, and it attracted high quality contributions from all over the world.

Accepted papers will appear in the proceedings of DEXA'14 Workshops published by the Conference Publishing Services (CPS) of IEEE Computer Society.

## Important Dates

- April 24, 2014: Deadline for paper submission (24:00 CET)
- May 12, 2014: Notification to authors
- June 27, 2014: Camera-ready copy due

## Organizers

Maik Anderka (Co-Chair), University of Paderborn, Germany  
Michael Granitzer (Co-Chair), University of Passau, Germany  
Benno Stein (Co-Chair), Bauhaus-Universität Weimar, Germany