List of Accepted Papers

Ning Gao and Silviu Cucerzan. Entity Linking to One Thousand Knowledge Bases

Daniel Hienert and Maria Lusky. Where Do All These Search Terms Come From? – Two Experiments in Domain-Specific Search

Jaime Arguello, Sandeep Avula and Fernando Diaz. Using Query Performance Predictors to Reduce Spoken Queries

Faegheh Hasibi, Krisztian Balog and Svein Erik Bratsberg. Entity Linking in Queries: Efficiency vs. Effectiveness

Qiang Chen, Wenjie Li, Yu Lei and Yanxiang He. Cross-lingual Sentiment Relation Capturing for Cross-lingual Sentiment Analysis

Hosein Azarbonyad, Mostafa Dehghani, Tom Kenter, Maarten Marx, Jaap Kamps and Maarten de Rijke. Hierarchical Re-estimation of Topic Models for Measuring Topical Diversity

Wen Haw Chong, William Cohen and Ee-Peng Lim. Collective Entity Linking in Tweets over Space and Time

Anna Sepliarskaia, Filip Radlinski and Maarten de Rijke. Simple Personalized Search Based on Long-Term Behavioral Signals

Rob Capra, Jaime Arguello and Yinglong Zhang. The Effects of Search Task Determinability on Search Behavior

Guangyuan Piao and John G. Breslin. Inferring User Interests for Passive Users on Twitter by Leveraging Follower Biographies

Leonidas Valavanis, Spyridon Statthopoulos and Theodore Kalamboukis. Fusion of Bag-of-Words Models for Image Classification in the Medical Domain

Xinyi Li and Maarten de Rijke. Do Topic Shift and Query Reformulation Patterns Correlate in Academic Search?

Hajer Ayadi, Mouna Torjmen, Mariam Daoud, Jimmy Huang and Maher Ben Jemaa. Learning to Re-rank Medical Images Using a Bayesian Network-Based Thesaurus

Chuwei Luo, Wenjie Li, Qiang Chen and Yanxiang He. A Part-of-Speech Enhanced Neural Conversation Model

Ralph Ewerth, Matthias Springstein, Lo An Phan-Vogtmann and Juliane Schütze. "Are Machines Better Than Humans in Image Tagging?" - A User Study Adds to the Puzzle

Guillaume Dubuisson Duplessis, Franck Charras, Vincent Letard, Anne-Laure Ligozat and Sophie Rosset. Utterance Retrieval based on Recurrent Surface Text Patterns
Arunav Mishra and Klaus Berberich. How do Order and Proximity Impact the Readability of Event Summaries?

Anastasia Giachanou, Julio Gonzalo, Ida Mele and Fabio Crestani. Sentiment Propagation for Predicting Reputation Polarity

Kai Hui and Klaus Berberich. Transitivity, Time Consumption, and Quality of Preference Judgments in Crowdsourcing

Anjie Fang, Craig Macdonald, Iadh Ounis, Philip Habel and Xiao Yang. Exploring Time-Sensitive Variational Bayesian Inference LDA for Social Media Data


Yashar Moshfeghi, Leif Azzopardi and Peter Triantafillou. A Task Completion Engine to Enhance Search Session Support for Air Traffic Work Tasks

Mohammad Alian Nejadi, Dimitrios Rafailidis and Fabio Crestani. Personalized Keyword Boosting for Venue Suggestion based on Multiple LBSNs

Morteza Haghir Chehreghani. Feature-Oriented Analysis of User Profile Completion Problem

Nikos Voskarides, Edgar Meij and Maarten de Rijke. Generating Descriptions of Entity Relationships

Ahmed Mourad, Falk Scholer and Mark Sanderson. Language Influences on Tweeter Geolocation

Adrian-Gabriel Chifu, Sébastien Déjean, Stefano Mizzaro and Josiane Mothe. Human-Based Query Difficulty Prediction

Aldo Lipani, Joao Palotti, Mihai Lupu, Florina Piroi, Guido Zuccon and Allan Hanbury. Fixed-Cost Pooling Strategies based on IR Evaluation Measures

Enrique Amigó, Julio Gonzalo, Fernando Giner and Felisa Verdejo. Formal and Empirical Study of Unsupervised Signal Combination for Textual Similarity Tasks

Soumyajit Ganguly and Vikram Pudi. Paper2vec: Combining Graph and Text information for Scientific Paper Representation

Navid Rekabsaz, Mihai Lupu and Allan Hanbury. Uncertainty in Neural Network Word Embedding Exploration of a Threshold for Similarity

Callum Fare and Ognjen Arandjelovic. Ancient Roman Coin Retrieval: A New Dataset and A Systematic Examination of the Effects of Coin Grade

Georgeta-Cristina Garbacea and Evangelos Kanoulas. A Systematic Analysis of Temporal Summarization Methods

Salvatore Romeo, Giovanni Da San Martino, Alberto Barrón-Cedeño and Alessandro Moschitti. A Multiple-Instance Learning Approach to Sentence Selection for Question Ranking
Graham McDonald, Craig Macdonald and Iadh Ounis. Enhancing Sensitivity Classification with Semantic Features using Word Embeddings

Fattane Zarrinkalam, Hossein Fani, Ebrahim Bagheri and Mohsen Kahani. Predicting Users’ Future Interests on Twitter

List of Accepted Short Papers

Corina Florescu and Cornelia Caragea. A New Scheme for Scoring Phrases in Unsupervised Keyphrase Extraction

Andrea Ceroni, Ujwal Gadiraju and Marco Fisichella. JustEvents: A Crowdsourced Corpus for Event Validation with Strict Temporal Constraints

Javid Dadashkarimi, Mahsa S. Shahshahani, Amirhossein Tebbifakhr, Heshaam Faili and Azadeh Shakery. Dimension Projection among Languages based on Pseudo-relevant Documents for Query Translation

Nikolaos Aletras and Arpit Mittal. Labeling Topics with Images using a Neural Network

Harsh Jhamtani, Rishiraj Saha Roy and Niyati Chhaya. Leveraging Site Search Logs to Identify Missing Content on Enterprise Webpages

Rami Alkhawaldeh, Joemon Jose, Deepak P and Fajie Yuan. LTRo: Learning to Route Queries in Clustered P2P IR

Siddhesh Khandelwal and Amit Awekar. Faster K-Means Cluster Estimation

Anil Sriharsha Bandhakavi, Jeremie Clos, Nirmalie Wiratunga and Guillaume Cabanac. Emotional Reaction Prediction in Social Networks

Yu-Hsiang Huang, Hen-Hsen Huang and Hsin-Hsi Chen. Irony Detection with Attentive Recurrent Neural Networks

Ankesh Anand, Tanmoy Chakraborty and Noseong Park. We used Neural Networks to Detect Clickbaits: You won’t believe what happened Next!

Parth Gupta and Jose Santos. Learning to classify inappropriate query-completions

Yumeng Qin, Dominik Wurzer, Victor Lavrenko and Cunchen Tang. Counteracting Novelty Decay in First Story Detection

Marcin Skowron, Florian Lemmerich, Bruce Ferwerda and Markus Schedl. Predicting Genre Preferences from Cultural and Socio-economic Factors for Music Retrieval

Panthadeep Bhattacharjee and Amit Awekar. Batch Incremental Shared Nearest Neighbor Density Based Clustering Algorithm for Dynamic Datasets

Ganesh J, Manish Gupta and Vasudeva Varma. Improving Tweet Representations using Temporal and User Context


Thanh Vu, Dat Quoc Nguyen, Mark Johnson, Dawei Song and Alistair Willis. Search Personalization with Embeddings

Eddy Maddalena, Stefano Mizzaro and Kevin Roitero. Do Easy Topics Predict Effectiveness Better Than Difficult Topics?

Jayendra Barua and Dhaval Patel. Named Entity Classification using Search Engine's Query Suggestion

Eric Müller, Matthias Springstein and Ralph Ewerth. "When was this picture taken?" - Image Date Estimation in the Wild

Kai Hui and Klaus Berberich. Low-Cost Preference Judgment via Ties


Luca Soldaini and Nazli Goharian. Learning to Rank for Consumer Health Search: a Semantic Approach

Jarana Manotumruksa, Craig Macdonald and Iadh Ounis. Matrix Factorisation with Word Embeddings for Rating Prediction on Location-Based Social Networks

Abdelhamid Chellal, Mohand Boughanem and Bernard Dousset. Word Similarity Based Model for tweet stream prospective notification

Hossein Rahmati. Negative Feedback in the Language Modeling Framework for Text Recommendations

Faisal Alvi, Mark Stevenson and Paul Clough. Plagiarism Detection in Texts with Obfuscated Homoglyphs


Shuo Zhang and Krisztian Balog. Design Patterns for Fusion-Based Object Retrieval

Jose Alberto Esquivel, Dyaa Albakour, David Corney, Samir Moussa and Miguel Martinez. On the Long-tail Entities in News

Manisha Verma and Emine Yilmaz. Search Costs vs User Satisfaction on Mobile

Fatih Hafizoglu, Emre Can Kucukoglu and Ismail Sengor Altingovde. On the Efficiency of Selective Search
Alexandros Bampoulidis, Joao Palotti, Mihai Lupu, Jon Brassey and Allan Hanbury. Does Online Evaluation Correspond to Offline Evaluation in Query Auto Completion?

Arman Cohan, Allan Fong, Nazli Goharian and Raj Ratwani. A Neural Attention Model for Categorizing Patient Safety Events