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Nota di contenuto	Keynotes -- Still Haven't Found What I'm Looking For: Suggestions for Search Research -- Mining and Modeling Online Health Search -- What to do if you know everything? Studying human behavior in a virtual world -- Aggregated Search and Diversity -- Towards Query Level Resource Weighting For Diversified Query Expansion -- Exploring Composite Retrieval from the Users' Perspective -- Improving Aggregated Search Coherence -- On-topic Cover Stories from News Archives -- Classification -- Multi-Emotion Detection in User-

Generated Reviews -- Classification of historical notary acts with noisy labels -- Concept Fusion: A Flexible Scene Classification Framework -- An Audio-Visual Approach to Music Genre Classification through Affective Color Features -- Cross-Lingual and Discourse -- Multi-Modal Correlated Centroid Space for Multi-Lingual Cross-Modal Retrieval -- A Discourse Search Engine based on Rhetorical Structure Theory -- Knowledge-based Representation for Transductive Multilingual Document Classification -- Distributional Correspondence Indexing for Cross-Language Text Categorization -- Efficiency Adaptive Caching of Fresh Web Search Results -- Approximating Weighted Hamming Distance by Probabilistic Selection for Multiple Hash Table -- Graph Regularized Hashing -- Approximate Nearest-Neighbor Search with Inverted Signature Slice Lists -- Evaluation -- A Discriminative Approach to Predicting Assessor Accuracy -- WHOSE A Tool for Whole-Session Analysis in IIR -- Looking for Books in Social Media: An Analysis of Complex Search Requests -- How do Gain and Discount Functions Affect the Correlation between DCG and User Satisfaction? -- Different Rankers on Different Subcollections -- Retrievability Bias: A Comparison of Inequality Measures -- Judging Relevance Using Magnitude Estimation -- Event Mining and Summarization -- Retrieving Time from Scanned Books -- A Noise-Filtering Approach for Spatio-Temporal Event Detection in Social Media -- Timeline Summarization from Relevant Headlines -- Information Extraction -- A Self-Training CRF Method for Recognizing Product Model Mentions in Web Forums -- Information Extraction Grammars -- Target-based Topic Model for Problem Phrase Extraction -- On Identifying Phrases Using Collection Statistics -- MIST: Top-k Approximate Sub-String Mining using Triplet Statistical Significance -- Recommender Systems -- Active Learning applied to Rating Elicitation for Incentive Purposes -- Entity-Centric Stream Filtering and ranking: Filtering and Unfilterable Documents -- Generating Music Playlists with Hierarchical Clustering and Q-Learning -- Time-sensitive Collaborative Filtering through Adaptive Matrix Completion -- Toward the New Item Problem: Context-enhanced Event Recommendation in Event-based Social Networks -- On the Inference of User Characteristics on Music Recommendation Algorithms -- A Study of Smoothing Methods for Relevance-Based Language Modelling of Recommender Systems -- The Power of Contextual Suggestion -- Semantic and Graph-Based Models -- Exploiting Semantic Annotations for Domain-Specific Entity Search -- Reachability Analysis of Graph Modelled Collections -- Main Core Retention on Graph-of-words for Single-Document Keyword Extraction -- Entity Linking for Web Search Queries -- Sentiment and Opinion -- Beyond Sentiment Analysis: Mining Defects and Improvements from Customer Feedback -- Measuring User Influence, Susceptibility and Cynicalness in Sentiment Diffusion -- Automated Controversy Detection on the Web -- Learning Sentiment Based Ranked-Lexicons for Opinion Retrieval -- Topic-dependent sentiment classification on Twitter -- Learning Higher-Level Features with Convolutional Restricted Boltzmann Machines for Sentiment Analysis -- Social Media -- Towards Deep Semantic Analysis of Hashtags -- Chalk and Cheese in Twitter: Discriminating Personal and Organization Accounts -- Handling Topic Drift for Topic Tracking in Microblogs -- Detecting Location-centric Communities using Social-Spatial Links with Temporal Constraints -- Using Subjectivity Analysis to Improve Thread Retrieval in Online Forums -- Selecting Training Data for Learning-based Twitter Search -- Content-Based Similarity of Twitter Users -- Specific Search Tasks -- A Corpus of Realistic Known-Item Topics With Associated Web Pages in the ClueWeb09 -- Designing States, Actions, and Rewards for Using

POMDP in Session Search -- Retrieving Medical Literature for Clinical Decision Support -- PatNet: A lexical database for the patent domain -- Learning to Rank Aggregated Answers for Crossword Puzzles -- Diagnose This If You Can: On the effectiveness of search engines in Finding medical self-diagnosis information -- Sources of Evidence for Automatic Indexing of Political Texts -- Automatically Assessing Wikipedia Article Quality by Exploiting Article-Editor Networks -- Temporal Models and Features -- Long time, no tweets! Time-aware personalized hashtag suggestion -- Temporal Multinomial Mixture for Instance-oriented Evolutionary Clustering -- Temporal Latent Topic User Profiles for Search Personalization -- Document Priors Based On Time-Sensitive Social Signals -- Topic and Document Models -- Prediction of Venues in Foursquare using Flipped Topic Models -- Geographical Latent Variable Models for Microblog Retrieval -- Nonparametric Topic Modeling using Chinese Restaurant Franchise with Buddy Customers -- A Hierarchical Tree Model for Update Summarization -- Document Boltzmann Machines for Information Retrieval -- Effective Healthcare Advertising using Latent Dirichlet Allocation and Inference Engine -- User Behavior -- User simulations for interactive search: evaluating personalized query Suggestion -- The Impact of Query Interface Design on Stress, Workload and Performance -- Detecting Spam URLs in Social Media via Behavioral Analysis.- Predicting Re-Finding Activity and Difficulty -- User Behavior in Location Search on Mobile Devices -- Detecting the Eureka Effect in Complex Search -- Reproducible IR -- Twitter Sentiment Detection via Ensemble Classification Using -- Averaged Confidence Scores -- Reproducible Experiments on Lexical and Temporal Feedback for Tweet Search -- Rank-Biased Precision Reloaded: Reproducibility and Generalization -- Demonstrations -- Knowledge Journey Exhibit: Towards Age-Adaptive Search User Interfaces -- PopMeter: Linked-Entities in a Sentiment Graph -- Adaptive Faceted Ranking for Social Media Comments -- Signal: Advanced real-time information Filtering -- The iCrawl Wizard Supporting Interactive Focused Crawl Specification -- Linguistically-enhanced search over an open diachronic corpus -- From Context-Aware to Context-Based: Mobile Just-In-Time Retrieval of Cultural Heritage Objects -- Tutorials -- Visual Analytics for Information Retrieval Evaluation (VAIR•E 2015) -- Measuring Document Retrievability -- A Formal Approach to Effectiveness Metrics for Information Access: Retrieval, Filtering, and Clustering -- Statistical Power Analysis for Sample Size Estimation in Information Retrieval Experiments with Users -- Join the Living Lab: Evaluating News Recommendations in Real-time -- Workshops -- 5th Workshop on Context-awareness in Retrieval and Recommendation (CaRR 2015) -- Multimodal Similar Case Retrieval in the Medical Domain -- Second International Workshop on Gamification for Information -- Retrieval (GamifIR) -- Supporting Complex Search Tasks -- Bibliometric-enhanced Information Retrieval: 2nd International BIR Workshop.

Sommario/riassunto

This book constitutes the proceedings of the 37th European Conference on IR Research, ECIR 2015, held in Vienna, Austria, in March/April 2015. The 44 full papers, 41 poster papers and 7 demonstrations presented together with 3 keynotes in this volume were carefully reviewed and selected from 305 submissions. The focus of the papers were on following topics: aggregated search and diversity, classification, cross-lingual and discourse, efficiency, evaluation, event mining and summarization, information extraction, recommender systems, semantic and graph-based models, sentiment and opinion, social media, specific search tasks, temporal models and features, topic and document models, user behavior, and reproducible IR.