

1. Record Nr.	UNINA9910482957503321
Titolo	Multidisciplinary Information Retrieval [[electronic resource]] : 7th Information Retrieval Facility Conference, IRFC 2014, Copenhagen, Denmark, November 10-12, 2014, Proceedings // edited by David Lamas, Paul Buitelaar
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2014
ISBN	3-319-12979-1
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (XIV, 133 p. 29 illus.)
Collana	Information Systems and Applications, incl. Internet/Web, and HCI ; ; 8849
Disciplina	025.04
Soggetti	Information storage and retrieval Database management Artificial intelligence Application software Information Storage and Retrieval Database Management Artificial Intelligence Information Systems Applications (incl. Internet)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Intro -- Preface -- Organization -- Don't Hurt Them: Learning to Rank from Historical Interaction Data (Keynote) -- Table of Contents -- Post OCR Correction of Swedish Patent Text -- 1 Introduction -- 2 Related Work -- 2.1 Post Processing of OCR Data -- 2.2 Evaluation -- 2.3 Features of Swedish Patents Text -- 3 Experiment Set Up -- 3.1 Method -- 4 Results -- 5 Conclusion -- References -- Combined Language Processing Methods and Mash-Up System for Improving Retrieval in Diabetes Related Patents -- 1 Introduction -- 1.1 Related Work -- 2 Retrieval Processing System -- 2.1 Basic Backbone Processing System -- 2.2 Mashed System for Refinement of Searching Diabetes Related Patents -- 3 Evaluation of the Proposed System -- 3.1 Total Similarity Measures between Documents -- 3.2 User Evaluation

Based on QoE Metrics -- 4 Conclusion -- References -- Temporal Context for Authorship Attribution -- 1 Introduction -- 2 Related Work -- 3 Study Design -- 3.1 Student Data -- 3.2 Classification with Support Vector Machines (SVMs) -- 3.3 Technical Implementation Details -- 4 Findings -- 4.1 Initial Experiments -- 4.2 Authorship Attribution with Recent Temporal Context -- 5 Conclusions -- References -- IPC Selection Using Collection Selection Algorithms -- 1 Introduction -- 2 International Patent Classification -- 3 Collection Selection Algorithms -- 3.1 CORI -- 3.2 Fusion-Based Methods -- 3.3 Multilayer -- 4 Experiment -- 4.1 Data -- 4.2 Results -- 5 Conclusion -- References -- Extracting Nanopublications from IR Papers -- 1 Motivation -- 2 Manual Nanopublication Extraction -- 3 Automating the Nanopublication Extraction -- 4 Conclusions and Future Work -- References -- News Articles Classification Using Random Forests and Weighted Multimodal Features -- 1 Introduction -- 2 Related Work and Theoretical Background -- 2.1 Document and News Articles Classification. 2.2 Random Forests -- 3 Feature Extraction from News Articles Documents -- 3.1 N-Gram Textual Features -- 3.2 Visual Features -- 4 Proposed Classification Framework -- 5 Experimental Results -- 5.1 Dataset Description -- 5.2 Experimental Setup -- 5.3 Results -- 6 Summary, Conclusions and Future Work -- References -- Using Eye-Tracking to Investigate Patent Examiners' Information Seeking Process -- 1 Introduction and Motivation -- 2 Eye-Tracking Background -- 3 Study Description -- 4 Findings -- 5 Conclusions and Future Work -- References -- When Text Authors Lived Using Undated Citations -- 1 Introduction -- 2 Related Works -- 3 Citation-Based Constraints -- 3.1 "Iron-Clad" and Heuristic Constraints -- 3.2 Greedy Constraints -- 3.3 Birth and Death Year Tuning -- 4 The Model -- 5 Experimental Results -- 6 Summary, Conclusions and Future Work -- References -- Fast Interactive Information Retrieval with Sampling-Based MDS on GPU Architectures -- 1 Introduction -- 2 Related Work -- 3 Sampling-Based MDS on GPU Architectures -- 4 Experimental Results -- 5 Conclusion -- References -- Designing Search Usability -- 1 Introduction -- 2 Tutorial Content -- 3 Intended Audience -- 4 Instructor Biography -- References -- Which One to Choose: Random Walks or Spreading Activation? -- 1 Introduction -- 2 Background -- 2.1 Spreading Activation -- 2.2 Random Walks -- 2.3 Baseline Graph -- 3 Query Independent Graph Traversal -- 3.1 Spreading Activation -- 3.2 Random Walks -- 3.3 Discussion -- 4 Query Dependent Routing -- 4.1 Spreading Activation -- 4.2 Random Walks -- 4.3 Discussion -- 5 Conclusion -- References -- An Evaluation of an Interactive Federated Patent Search System -- 1 Introduction -- 2 PerFedPat -- 2.1 Overview and Core Features -- 2.2 Integration of New Patent Search Tools in PerFedPat -- 3 User Study -- 3.1 Aim -- 3.2 Participants -- 3.3 Method. 4 Results and Discussion -- 4.1 Results of Session 1 -- 4.2 Results of Session 3 -- 5 Conclusions -- References -- Author Index.

Sommario/riassunto

This book constitutes the proceedings of the 7th International Information Retrieval Facility Conference, IRFC 2014, held in Copenhagen, Denmark, November 2014. The 10 papers presented together with one industry paper were carefully reviewed and selected from 13 submissions. The conference aims at bringing young researchers into contact with the industry at an early stage, emphasizing the applicability of IR solutions to real industry cases and the respective challenges.
