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Soggetti	Information storage and retrieval systems Application software Artificial intelligence Database management Data mining User interfaces (Computer systems) Human-computer interaction Information Storage and Retrieval Computer and Information Systems Applications Artificial Intelligence Database Management Data Mining and Knowledge Discovery User Interfaces and Human Computer Interaction
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Nota di contenuto	Reproducibility Papers -- Knowledge Graph Entity Alignment with Graph Neural Networks: Lessons Learned -- The Effect of Content-Equivalent Near-Duplicates on the Evaluation of Search Engines -- From MaxScore to Block-Max WAND: The Story of How Lucene Significantly Improved Query Evaluation Performance -- Which BM25 Do You Mean? A Large-Scale Reproducibility Study of Scoring Variants

-- The Unfairness of Popularity Bias in Music Recommendation: A Reproducibility Study -- Reproducibility is a Process, not an Achievement: The Replicability of IR Reproducibility Experiments -- On the Replicability of Combining Word Embeddings and Retrieval Models -- Influence of Random Walk Parametrization on Graph Embeddings -- Short Papers -- Calling attention to passages for biomedical question answering -- Neural Embedding-based Metrics for Pre-Retrieval Query Performance Prediction -- A Latent Model for Ad Hoc Table Retrieval -- Hybrid Semantic Recommender System for Chemical Compounds -- Assessing the Impact of OCR Errors in Information Retrieval -- Towards Query Logs for Privacy Studies: On Deriving Search Queries from Questions -- Machine-actionable data management plans: A knowledge retrieval approach to automate the assessment of funders' requirements -- Session-based Path Prediction by Combining Local and Global Content Preferences -- Unsupervised Ensemble of Ranking Models for News Comments Using Pseudo Answers -- Irony Detection in a Multilingual Context -- Document Network Projection in Pretrained Word Embedding Space -- Supervised Learning Methods for Diversification of Image Search Results -- ANTIQUE: A Non-Factoid Question Answering Benchmark -- Neural Query-biased Abstractive Summarization Using Copying Mechanism -- Distant Supervision for Extractive Question Summarization -- Text-Image-Video Summary Generation using Joint Integer Linear Programming -- Domain Adaptation via Context Prediction for Engineering Diagram Search -- Crowdsourcing Truthfulness: The Impact of Judgment Scale and Assessor Bias -- Novel and Diverse Recommendations by Leveraging Linear Models with User and Item Embeddings -- A Multi-task Approach to Open Domain Suggestion Mining using Language Model for Text Over-sampling -- MedLinker: Medical Entity Linking with Neural Representations and Dictionary Matching -- Ranking Significant Discrepancies in Clinical Reports -- Teaching a New Dog Old Tricks: Resurrecting Multilingual Retrieval Using Zero-shot Learning -- Semi-Supervised Extractive Question Summarization Using Question-Answer Pairs -- Utilizing Temporal Psycholinguistic Cues for Suicidal Intent Estimation -- PMD: An Optimal Transportation-based User Distance for Recommender Systems -- On Biomedical Named Entity Recognition: Experiments in Bilingual Transfer for Clinical and Social Media Texts -- SlideImages: A Dataset for Educational Image Classification -- Rethinking Query Expansion for BERT Reranking -- Personalized Video Summarization based exclusively on User Preferences -- SentiInc : Incorporating Sentiment Information into Sentiment Transfer without Parallel Data -- Dualism in Topical Relevance -- Keyphrase Extraction as Sequence Labeling using Contextualized Embeddings -- Easing Legal News Monitoring with Learning to Rank and BERT -- Generating query suggestions for cross-language and cross-terminology health information retrieval -- Identifying Notable News Stories -- BERT for Evidence Retrieval and Claim Verification -- BiOnt: Deep Learning using Multiple Biomedical Ontologies for Relation Extraction -- On the Temporality of Priors in Entity Linking -- Contextualized Embeddings in Named-Entity Recognition: An Empirical Study on Generalization -- DAKE: Document-level Attention for Keyphrase Extraction -- Understanding depression from psycholinguistic patterns in social media Texts -- Predicting the Size of Candidate Document Set for Implicit Web Search Result Diversification -- Aspect-based Academic Search using Domain-specific KB -- Dynamic Heterogeneous Graph Embedding using Hierarchical Attentions -- DSR: A Collection for the Evaluation of Graded Disease-Symptom Relations -- Demonstration Papers -- A Web-based Platform for Mining and Ranking Association

Rules -- Army ANT: A Workbench for Innovation in Entity-Oriented Search -- A Search Engine for Police Press Releases to Double-check the News -- Neural-IR-Explorer: A Content-Focused Tool to Explore Neural Re-Ranking Results -- Revisionista.PT: Uncovering the News Cycle using Web Archives -- MathSeer: A Math-Aware Search Interface with Intuitive Formula Editing, Reuse, and Lookup -- NLPExplorer: Exploring the Universe of NLP Papers -- Personal Research Assistant for Online Exploration of Historical News -- QISS : an open source image similarity search engine -- EveSense: What can you sense from Twitter? -- CLEF Organizers Lab Track -- CheckThat! at CLEF 2020: Enabling the Automatic Identification and Verification of Claims on Social Media -- Shared Tasks on Authorship Analysis at PAN 2020 -- Touché: FirstShared Task on Argument Retrieval -- Introducing the CLEF 2020 HIPE Shared Task: Named Entity Recognition and Linking on Historical Newspapers -- ImageCLEF 2020: Multimedia Retrieval in Lifelogging, Medical, Nature, and Internet Applications -- LifeCLEF 2020 Teaser: Biodiversity Identification and Prediction Challenges -- BioASQ at CLEF2020: Large-scale biomedical semantic indexing and question answering -- eRisk 2020: self-harm and depression challenges -- Finding Old Answers to New Math Questions: The ARQMath Lab at CLEF 2020 -- ChEMU: Named Entity Recognition and Event Extraction of Chemical Reactions from Patents -- Living Labs for Academic Search at CLEF 2020 -- CLEF eHealth Evaluation Lab 2020 -- Doctoral Consortium Papers -- Reproducible Online Search Experiments -- Graph-Based Entity-Oriented Search: A Unified Framework in Information Retrieval -- Graph databases for Information Retrieval -- Towards a better Contextualization of Web Contents via Entity-level Analytics -- Incremental Approach for Automatic Generation of Domain-Specific Sentiment Lexicon -- Time-Critical Geolocation for Social Good -- Bibliometric-Enhanced Legal Information Retrieval -- Workshops -- International Workshop on Algorithmic Bias in Search and Recommendation (Bias 2020) -- Bibliometric-enhanced Information Retrieval 10th Anniversary Workshop Edition -- The 3rd International Workshop on Narrative Extraction from Texts (Text2Story' 20) (full day) -- Semantic Indexing and Information Retrieval for Health from heterogeneous content types and languages -- Tutorials -- Principle-to-program: neural methods for similar question retrieval in online communities -- Text Meets Space: Geographic Content Extraction, Resolution and Information Retrieval -- The Role of Entity Repositories in Information Retrieval.

Sommario/riassunto

This two-volume set LNCS 12035 and 12036 constitutes the refereed proceedings of the 42nd European Conference on IR Research, ECIR 2020, held in Lisbon, Portugal, in April 2020.* The 55 full papers presented together with 8 reproducibility papers, 46 short papers, 10 demonstration papers, 12 invited CLEF papers, 7 doctoral consortium papers, 4 workshop papers, and 3 tutorials were carefully reviewed and selected from 457 submissions. They were organized in topical sections named: Part I: deep learning I; entities; evaluation; recommendation; information extraction; deep learning II; retrieval; multimedia; deep learning III; queries; IR – general; question answering, prediction, and bias; and deep learning IV. Part II: reproducibility papers; short papers; demonstration papers; CLEF organizers lab track; doctoral consortium papers; workshops; and tutorials. *Due to the COVID-19 pandemic, this conference was held virtually.