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Nota di contenuto	Keynote Papers -- A Probabilistic Logic for Information Retrieval -- Applications of Web Query Mining -- Peer-to-Peer -- BuddyNet: History-Based P2P Search -- A Suite of Testbeds for the Realistic Evaluation of Peer-to-Peer Information Retrieval Systems -- Federated Search of Text-Based Digital Libraries in Hierarchical Peer-to-Peer Networks -- Information Retrieval Models (I) -- 'Beauty' of the World

Wide Web—Cause, Goal, or Principle -- sPLMap: A Probabilistic Approach to Schema Matching -- Encoding XML in Vector Spaces -- Text Summarization -- Features Combination for Extracting Gene Functions from MEDLINE -- Filtering for Profile-Biased Multi-document Summarization -- Automatic Text Summarization Based on Word-Clusters and Ranking Algorithms -- Comparing Topiary-Style Approaches to Headline Generation -- Information Retrieval Methods (I) -- Improving Retrieval Effectiveness by Using Key Terms in Top Retrieved Documents -- Evaluating Relevance Feedback Algorithms for Searching on Small Displays -- Term Frequency Normalisation Tuning for BM25 and DFR Models -- Information Retrieval Models (II) -- Improving the Context-Based Influence Diagram Model for Structured Document Retrieval: Removing Topological Restrictions and Adding New Evaluation Methods -- Knowing-Aboutness: Question-Answering Using a Logic-Based Framework -- Modified LSI Model for Efficient Search by Metric Access Methods -- PIRE: An Extensible IR Engine Based on Probabilistic Datalog -- Text Classification and Fusion -- Data Fusion with Correlation Weights -- Using Restrictive Classification and Meta Classification for Junk Elimination -- On Compression-Based Text Classification -- User Studies and Evaluation -- Ontology as a Search-Tool: A Study of Real Users' Query Formulation With and Without Conceptual Support -- An Analysis of Query Similarity in Collaborative Web Search -- A Probabilistic Interpretation of Precision, Recall and F-Score, with Implication for Evaluation -- Exploring Cost-Effective Approaches to Human Evaluation of Search Engine Relevance -- Information Retrieval Methods (II) -- Document Identifier Reassignment Through Dimensionality Reduction -- Scalability Influence on Retrieval Models: An Experimental Methodology -- The Role of Multi-word Units in Interactive Information Retrieval -- Dictionary-Based CLIR Loses Highly Relevant Documents -- Multimedia Retrieval -- Football Video Segmentation Based on Video Production Strategy -- Fractional Distance Measures for Content-Based Image Retrieval -- Combining Visual Semantics and Texture Characterizations for Precision-Oriented Automatic Image Retrieval -- Web Information Retrieval -- Applying Associative Relationship on the Clickthrough Data to Improve Web Search -- Factors Affecting Web Page Similarity -- Boosting Web Retrieval Through Query Operations -- Posters -- Terrier Information Retrieval Platform -- Físreal: A Low Cost Terabyte Search Engine -- Query Formulation for Answer Projection -- Network Analysis for Distributed Information Retrieval Architectures -- SnapToTell: A Singapore Image Test Bed for Ubiquitous Information Access from Camera -- Acquisition of Translation Knowledge of Syntactically Ambiguous Named Entity -- IR and OLAP in XML Document Warehouses -- Manipulating the Relevance Models of Existing Search Engines -- Enhancing Web Search Result Lists Using Interaction Histories -- An Evaluation of Gisting in Mobile Search -- Video Shot Classification Using Lexical Context -- Age Dependent Document Priors in Link Structure Analysis -- Improving Image Representation with Relevance Judgements from the Searchers -- Temporal ShotClustering Analysis for Video Concept Detection -- IRMAN: Software Framework for IR in Mobile Social Cyberspaces -- Assigning Geographical Scopes To Web Pages -- AP-Based Borda Voting Method for Feature Extraction in TRECVID-2004.

Sommario/riassunto

Welcome to Santiago de Compostela! We are pleased to host the 27th Annual European Conference on Information Retrieval Research (ECIR 2005) on its 27th visit to Spain. These proceedings contain the refereed full papers and poster abstracts presented at ECIR 2005. This conference was initially established by the Information Retrieval Specialist Group of

the British Computer Society (BCS-IRSG) under the name "Annual Colloquium on Information Retrieval Research." The colloquium was held in the United Kingdom each year until 1998, when the event was organized in Grenoble, France. Since then the conference venue has alternated between the United Kingdom and Continental Europe, reflecting the growing European orientation of ECIR. For the same reason, in 2001 the event was renamed "European Conference on Information Retrieval Research." In recent years, ECIR has continued to grow and has become the major European forum for the discussion of research in the field of information retrieval. ECIR 2005 was held at the Technical School of Engineering of the University of Santiago de Compostela, Spain. In terms of submissions, ECIR 2005 was a record-breaking success, since 124 full papers were submitted in response to the call for papers. This was a sharp increase from the 101 submissions received for ECIR 2003, which was the most successful ECIR in terms of submissions. ECIR 2005 established also a call for posters, and 41 posters were submitted. Paper and poster submissions were received from across Europe and further afield, including North America, South America, Asia and Australia, which is a clear indication of the growing popularity and reputation of the conference.
