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Nota di contenuto	Regular Papers -- Extracting Semantic Taxonomies of Nouns from a Korean MRD Using a Small Bootstrapping Thesaurus and a Machine Learning Approach -- On the Transformation of Sentences with Genitive Relations to SQL Queries -- Binary Lexical Relations for Text

Representation in Information Retrieval -- Application of Text Categorization to Astronomy Field -- Towards an XML Representation of Proper Names and Their Relationships -- Empirical Textual Mining to Protein Entities Recognition from PubMed Corpus -- Automatic Extraction of Semantic Relationships for WordNet by Means of Pattern Learning from Wikipedia -- Combining Data-Driven Systems for Improving Named Entity Recognition -- Natural Language Processing: Mature Enough for Requirements Documents Analysis? -- Improving Text Categorization Using Domain Knowledge -- A Process and Tool Support for Managing Activity and Resource Conflicts Based on Requirements Classification -- Web-Assisted Detection and Correction of Joint and Disjoint Malapropos Word Combinations -- Web Directory Construction Using Lexical Chains -- Email Categorization with Tournament Methods -- Knowledge-Based Information Extraction: A Case Study of Recognizing Emails of Nigerian Frauds -- Extended Tagging and Interpretation Tools for Mapping Requirements Texts to Conceptual (Pre-design) Models -- Improving Question Answering Using Named Entity Recognition -- Using Semantic Roles in Information Retrieval Systems -- Text Categorization Based on Subtopic Clusters -- Interpretation of Implicit Parallel Structures. A Case Study with "vice-versa" -- Text2Onto -- Interaction Transformation Patterns Based on Semantic Roles -- Query Refinement Through Lexical Clustering of Scientific Textual Databases -- Automatic Filtering of Bilingual Corpora for Statistical Machine Translation -- An Approach to Clustering Abstracts -- Named Entity Recognition for Web Content Filtering -- The Role of Word Sense Disambiguation in Automated Text Categorization -- Combining Biological Databases and Text Mining to Support New Bioinformatics Applications -- A Semi-automatic Approach to Extracting Common Sense Knowledge from Knowledge Sources -- A Phrasal Approach to Natural Language Interfaces over Databases -- Information Extraction for User's Utterance Processing on Ubiquitous Robot Companion -- Investigating the Best Configuration of HMM Spanish PoS Tagger when Minimum Amount of Training Data Is Available -- An Approach to Automatic Construction of Lexical Relations Between Chinese Nouns from Machine Readable Dictionary -- Automatic Acquisition of Adjacent Information and Its Effectiveness in Extraction of Bilingual Word Pairs from Parallel Corpora -- Text Mining from Categorized Stem Cell Documents to Infer Developmental Stage-Specific Expression and Regulation Patterns of Stem Cells -- Simple But Useful Algorithms for Identifying Noun Phrase Complements of Embedded Clauses in a Partial Parse -- An Add-On to Rule-Based Sifters for Multi-recipient Spam Emails -- Semantic Annotation of a Natural Language Corpus for Knowledge Extraction -- mySENSEVAL: Explaining WSD System Performance Using Target Word Features -- Information Extraction from Email Announcements -- An Application of NLP Rules to Spoken Document Segmentation Task -- A Generalised Similarity Measure for Question Answering -- Multi-lingual Database Querying and the Atoms of Language -- Extracting Information from Short Messages -- Automatic Transition of Natural Language Software Requirements Specification into Formal Presentation -- Automatic Description of Static Images in Natural Language -- On Some Optimization Heuristics for Lesk-Like WSD Algorithms.

Sommario/riassunto

NLDB 2005, the 10th International Conference on Applications of Natural Language to Information Systems, was held on June 15–17, 2005 at the University of Alicante, Spain. Since the first NLDB conference in 1995 the main goal has been to provide a forum to discuss and disseminate research on the integration of natural language resources in information system engineering. The

development and convergence of computing, telecommunications and information systems has already led to a revolution in the way that we work, communicate with each other, buy goods and use services, and even in the way that we entertain and educate ourselves. The revolution continues, and one of its results is that large volumes of information will increasingly be held in a form which is more natural for users than the data presentation formats typical of computer systems of the past. Natural language processing (NLP) is crucial in solving these problems, and language technologies will make an indispensable contribution to the success of information systems. We hope that NLDB 2005 was a modest contribution to this goal. NLDB 2005 contributed to advancing the goals and the high international standing of these conferences, largely due to its Program Committee, composed of renowned researchers in the field of natural language processing and information system engineering. Papers were reviewed by three reviewers from the Program Committee. This clearly contributed to the significant number of papers submitted (95). Twenty-nine were accepted as regular papers, while 18 were accepted as short papers.
