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Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 4919
Disciplina	005.52
Soggetti	Information storage and retrieval systems Artificial intelligence Natural language processing (Computer science) Machine theory Information Storage and Retrieval Artificial Intelligence Natural Language Processing (NLP) Formal Languages and Automata Theory
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Language Resources -- A Distributed Database System for Developing Ontological and Lexical Resources in Harmony -- Verb Class Discovery from Rich Syntactic Data -- Growing TreeLex -- Acquisition of Elementary Synonym Relations from Biological Structured Terminology -- A Comparison of Co-occurrence and Similarity Measures as Simulations of Context -- Various Criteria of Collocation Cohesion in Internet: Comparison of Resolving Power -- Why Don't Romanians Have a Five O'clock Tea, Nor Halloween, But Have a Kind of Valentines Day? -- Best Student Paper Award -- SIGNUM: A Graph Algorithm for Terminology Extraction -- Morphology and Syntax -- Arabic Morphology Parsing Revisited -- A Probabilistic Model for Guessing Base Forms of New Words by Analogy -- Unsupervised and Knowledge-Free Learning of Compound Splits and Periphrases -- German Decompounding in a Difficult Corpus -- Clause Boundary Identification

Using Conditional Random Fields -- Semantics and Discourse --
Natural Language as the Basis for Meaning Representation and
Inference -- Layer Structures and Conceptual Hierarchies in Semantic
Representations for NLP -- Deep Lexical Semantics --
On Ontology Based Abduction for Text Interpretation -- Analysis of
Joint Inference Strategies for the Semantic Role Labeling of Spanish and
Catalan -- A Preliminary Study on the Robustness and Generalization of
Role Sets for Semantic Role Labeling -- XTM: A Robust Temporal Text
Processor -- Invited Paper -- What We Are Talking about and What We
Are Saying about It -- Trusting Politicians' Words (for Persuasive NLP)
-- Sense Annotation in the Penn Discourse Treebank -- Word Sense
Disambiguation and Named Entity Recognition -- A Semantics-
Enhanced Language Model for Unsupervised Word Sense
Disambiguation -- Best Paper Award, 1st Place -- Discovering Word
Senses from Text Using Random Indexing -- Domain Information for
Fine-Grained Person Name Categorization -- Language Independent
First and Last Name Identification in Person Names -- Mixing Statistical
and Symbolic Approaches for Chemical Names Recognition --
Anaphora and Co-reference -- Portuguese Pronoun Resolution:
Resources and Evaluation -- Semantic and Syntactic Features for Dutch
Coreference Resolution -- Machine Translation and Parallel Corpora --
Stat-XFER: A General Search-Based Syntax-Driven Framework for
Machine Translation -- Invited Paper -- Statistical Machine Translation
into a Morphologically Complex Language -- Translation Paraphrases
in Phrase-Based Machine Translation -- n-Best Reranking for the
Efficient Integration of Word Sense Disambiguation and Statistical
Machine Translation -- Learning Finite State Transducers Using
Bilingual Phrases -- Learning Spanish-Galician Translation Equivalents
Using a Comparable Corpus and a Bilingual Dictionary -- Context-
Based Sentence Alignment in Parallel Corpora -- Bilingual Segmentation
for Alignment and Translation -- Dynamic Translation Memory: Using
Statistical Machine Translation to Improve Translation Memory Fuzzy
Matches -- Identification of Transliterated Foreign Words in Hebrew
Script -- Natural Language Generation -- Innovative Approach for
Engineering NLG Systems: The Content Determination Case Study --
Speech Recognition -- Comparison of Different Modeling Units for
Language Model Adaptation for Inflected Languages -- Information
Retrieval and Question Answering -- Word Distribution Analysis for
Relevance Ranking and Query Expansion -- Hybrid Method for
Personalized Search in Scientific Digital Libraries -- Alignment-Based
Expansion of Textual Database Fields -- Detecting Expected Answer
Relations through Textual Entailment --
Improving Question Answering by Combining Multiple Systems Via
Answer Validation -- Text Classification -- Evaluation of Internal
Validity Measures in Short-Text Corpora -- Text Summarization --
Arabic/English Multi-document Summarization with CLASSY—The Past
and the Future -- Best Paper Award, 3rd Place -- Lexical Cohesion
Based Topic Modeling for Summarization -- Terms Derived from
Frequent Sequences for Extractive Text Summarization -- Spell
Checking and Authoring Aid -- Real-Word Spelling Correction with
Trigrams: A Reconsideration of the Mays, Damerou, and Mercer Model
-- Best Paper Award, 2nd Place -- Non-interactive OCR Post-correction
for Giga-Scale Digitization Projects -- Linguistic Support for Revising
and Editing -- The Role of PP Attachment in Preposition Generation --
EFL Learner Reading Time Model for Evaluating Reading Proficiency.

Sommario/riassunto

CICLing 2008 ([www. CICLing. org](http://www.CICLing.org)) was the 9th Annual Conference on
Intel- gent Text Processing and Computational Linguistics. The CICLing
conferences are intended to provide a wide-scope forum for the

discussion of both the art and craft of natural language processing research and the best practices in its applications. This volume contains the papers accepted for oral presentation at the conference, as well as several of the best papers accepted for poster presentation. Other papers accepted for poster presentation were published in special issues of other journals (see the information on the website). Since 2001 the CICLing proceedings have been published in Springer's Lecture Notes in Computer Science series, as volumes 2004, 2276, 2588, 2945, 3406, 3878, and 4394. The book consists of 12 sections, representative of the main tasks and applications of Natural Language Processing: – Language resources – Morphology and syntax – Semantics and discourse – Word sense disambiguation and named entity recognition – Anaphora and co-reference – Machine translation and parallel corpora – Natural language generation – Speech recognition – Information retrieval and question answering – Text classification – Text summarization – Spell checking and authoring aid A total of 204 papers by 438 authors from 39 countries were submitted for evaluation (see Tables 1 and 2). Each submission was reviewed by at least two independent Program Committee members. This volume contains revised versions of 52 papers by 129 authors from 24 countries selected for inclusion in the conference program (the acceptance rate was 25.5%).
