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Soggetti	Natural language processing (Computer science) Artificial intelligence Data mining Application software Natural Language Processing (NLP) Artificial Intelligence Data Mining and Knowledge Discovery Computer and Information Systems Applications
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Nota di contenuto	Reconstruction of Separable Particle Verbs in a Corpus of Spoken German -- Detecting Vocal Irony -- The Devil is in the Details: Parsing Unknown German Words -- Exploring Ensemble Dependency Parsing to Reduce Manual Annotation Workload -- Different German and English Co-reference Resolution Models for Multi-Domain Content Curation Scenarios -- Word and Sentence Segmentation in German: Overcoming Idiosyncrasies in the Use of Punctuation in Private Communication -- Fine-Grained POS Tagging of German Social Media and Web Texts -- Developing a Stemmer for German Based on a Comparative Analysis of Publicly Available Stemmers -- Negation Modeling for German Polarity Classification -- NECKAr: A Named Entity Classifier for Wikidata -- Investigating the Morphological Complexity of German Named Entities: The Case of the GermEval NER Challenge -- Detecting Named Entities

and Relations in German Clinical Reports -- In-Memory Distributed Training of Linear-Chain Conditional Random Fields with an Application to Fine-Grained Named Entity Recognition -- What does this imply? Examining the Impact of Implicitness on the Perception of Hate Speech -- Automatic Classification of Abusive Language and Personal Attacks in Various Forms of Online Communication -- Token Level Code-Switching Detection Using Wikipedia as a Lexical Resource -- How Social Media Text Analysis Can Inform Disaster Management -- A Comparative Study of Uncertainty Based Active Learning Strategies for General Purpose Twitter Sentiment Analysis with Deep Neural Networks -- An Infrastructure for Empowering Internet Users to Handle Fake News and Other Online Media Phenomena -- Different Types of Automated and Semi-automated Semantic Storytelling: Curation Technologies for Different Sectors -- Twitter Geolocation Prediction Using Neural Networks -- Diachronic Variation of Temporal Expressions in Scientific Writing Through the Lens of Relative Entropy -- A Case Study on the Relevance of the Competence Assumption for Implicature Calculation in Dialogue Systems -- Supporting Sustainable Process Documentation -- Optimizing Visual Representations in Semantic Multi-Modal Models with Dimensionality Reduction, Denoising and Contextual Information -- Using Argumentative Structure to Grade Persuasive Essays.

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#### Sommario/riassunto

This open access volume constitutes the refereed proceedings of the 27th biennial conference of the German Society for Computational Linguistics and Language Technology, GSCL 2017, held in Berlin, Germany, in September 2017, which focused on language technologies for the digital age. The 16 full papers and 10 short papers included in the proceedings were carefully selected from 36 submissions. Topics covered include text processing of the German language, online media and online content, semantics and reasoning, sentiment analysis, and semantic web description languages.

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