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Nota di contenuto	Invited Papers -- The Future of Text-Meaning in Computational Linguistics -- Deep Lexical Semantics -- Toward the Ultimate ASR Language Model -- Practical Prosody -- Text -- Sentiment Detection Using Lexically-Based Classifiers -- First Steps in Building a Verb Valency Lexicon for Romanian -- Hyponymy Patterns -- Temporal Issues and Recognition Errors on the Capitalization of Speech Transcriptions -- Web-Based Lemmatisation of Named Entities -- Combining Multiple Resources to Build Reliable Wordnets -- Active Tags for Semantic Analysis -- Spoken Requests for Tourist Information -- Affix: Tool for Prefix Recognition -- Variants and Homographs -- An Empirical Bayesian Method for Detecting Out of Context Words -- Semantic Classes in Czech Valency Lexicon -- A Comparison of Language Models for Dialog Act Segmentation of Meeting Transcripts -- New Methods for Pruning and Ordering of Syntax Parsing Trees -- Web People Search with Domain Ranking -- Disyllabic Chinese Word Extraction Based on Character Thesaurus and Semantic Constraints in Word-Formation -- Statistical Word Sense Disambiguation in Contexts for Russian Nouns Denoting Physical Objects -- Where Do Parsing Errors Come From -- Dealing with Small, Noisy and Imbalanced Data -- Statistical Properties of Overlapping Ambiguities in Chinese Word Segmentation and a

Strategy for Their Disambiguation -- The Verb Argument Browser -- Thinking in Objects -- Improving Unsupervised WSD with a Dynamic Thesaurus -- Normalization of Temporal Information in Estonian -- Word Sense Disambiguation with Semantic Networks -- A Pattern-Based Framework for Uncertainty Representation in Ontologies -- MSD Recombination for Statistical Machine Translation into Highly-Inflected Languages -- A Computational Framework to Integrate Different Semantic Resources -- Speech -- Age Determination of Children in Preschool and Primary School Age with GMM-Based Supervectors and Support Vector Machines/Regression -- Language Acquisition: The Emergence of Words from Multimodal Input -- A Tagged Corpus-Based Study for Repeats and Self-repairs Detection in French Transcribed Speech -- Study on Speaker Adaptation Methods in the Broadcast News Transcription Task -- Spoken Document Retrieval Based on Approximated Sequence Alignment -- Pitch Accents, Boundary Tones and Contours: Automatic Learning of Czech Intonation -- On the Use of MLP Features for Broadcast News Transcription -- Acoustic Modeling for Speech Recognition in Telephone Based Dialog System Using Limited Audio Resources -- Performance Evaluation for Voice Conversion Systems -- Influence of Reading Errors on the Text-Based Automatic Evaluation of Pathologic Voices -- Czech Pitch Contour Modeling Using Linear Prediction -- Energy Normalization in Automatic Speech Recognition -- HMM-Based Speech Synthesis for the Greek Language -- Advances in Acoustic Modeling for the Recognition of Czech -- Talking Head as Life Blog -- The Module of Morphological and Syntactic Analysis SMART -- An Extension to the Sammon Mapping for the Robust Visualization of Speaker Dependencies -- Analysis of Hypernasal Speech in Children with Cleft Lip and Palate -- Syllable Based Language Model for Large Vocabulary Continuous Speech Recognition of Polish -- Accent and Channel Adaptation for Use in a Telephone-Based Spoken Dialog System -- Efficient Unit-Selection in Text-to-Speech Synthesis -- Prosodic Events Recognition in Evaluation of Speech-Synthesis System Performance -- UU Database: A Spoken Dialogue Corpus for Studies on Paralinguistic Information in Expressive Conversation -- Perceptually Motivated Sub-band Decomposition for FDLP Audio Coding -- Forced-Alignment and Edit-Distance Scoring for Vocabulary Tutoring Applications -- Exploiting Contextual Information for Speech/Non-Speech Detection -- Identification of Speakers from Their Hum -- Reverse Correlation for Analyzing MLP Posterior Features in ASR -- Acquisition of Telephone Data from Radio Broadcasts with Applications to Language Recognition -- Multilingual Weighted Codebooks for Non-native Speech Recognition -- Prosodic Phrases and Semantic Accents in Speech Corpus for Czech TTS Synthesis -- Making Speech Technologies Available in (Serviko) Romani Language -- Emulating Temporal Receptive Fields of Higher Level Auditory Neurons for ASR -- A Framework for Language-Independent Analysis and Prosodic Feature Annotation of Text Corpora -- Quantification of Segmentation and F0 Errors and Their Effect on Emotion Recognition -- Deep Syntactic Analysis and Rule Based Accentuation in Text-to-Speech Synthesis -- Error Prediction-Based Semi-automatic Segmentation of Speech Databases -- Dialogue -- Cognitive and Emotional Interaction -- Architecture Model and Tools for Perceptual Dialog Systems -- The Generation of Emotional Expressions for a Text-Based Dialogue Agent -- Intelligent Voice Navigation of Spreadsheets -- A Semi-automatic Wizard of Oz Technique for Let'sFly Spoken Dialogue System -- Developing a Dialogue System -- Dialogue-Based Processing of Graphics and Graphical Ontologies -- An Issue-Based Approach to

Information Search Modelling: Analysis of a Human Dialog Corpus --
Two-Level Fusion to Improve Emotion Classification
in Spoken Dialogue Systems -- Automatic Semantic Annotation
of Polish Dialogue Corpus -- Evaluation of the Slovak Spoken Dialogue
System Based on ITU-T -- Shedding Light on a Troublesome Issue in
NLIDBS -- Dialogue Based Text Editing -- SSML for Arabic Language.

Sommario/riassunto

This book constitutes the refereed proceedings of the 11th International Conference on Text, Speech and Dialogue, TSD 2008, held in Brno, Czech Republic, September 8-12, 2008. The 79 revised full papers presented together with 4 invited papers were carefully reviewed and selected from 173 submissions. The topics of the conference include, but are not limited to, text corpora and tagging; transcription problems in spoken corpora; sense disambiguation; links between text and speech oriented systems; parsing issues; parsing problems in spoken texts; multi-lingual issues; multi-lingual dialogue systems; information retrieval and information extraction; text/topic summarization; machine translation; semantic networks and ontologies; semantic web; speech modeling; speech segmentation; speech recognition; search in speech for IR and IE; text-to-speech synthesis; dialogue systems; development of dialogue strategies; prosody in dialogues; emotions and personality modeling; user modeling; knowledge representation in relation to dialogue systems; assistive technologies based on speech and dialogue; applied systems and software; facial animation; and visual speech synthesis.
