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| 1. Record Nr. | UNINA9910483647703321 |
| Titolo | Machine learning for multimodal interaction : 4th international workshop, MLMI 2007, Brno, Czech Republic, June 28-30, 2007 : revised selected papers // Andrei Popescu-Belis, Steve Renals, Herve Bourlard (editors) |
| Pubbl/distr/stampa | Berlin, Germany ; ; New York, New York : , : Springer, , [2008] ©2008 |
| ISBN | 3-540-78155-2 |
| Edizione | [1st ed. 2008.] |
| Descrizione fisica | 1 online resource (XI, 308 p.) |
| Collana | Information Systems and Applications, incl. Internet/Web, and HCI ; ; 4892 |
| Disciplina | 006.3/1 |
| Soggetti | Automatic speech recognition Human-computer interaction Machine learning |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Bibliographic Level Mode of Issuance: Monograph |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Invited Paper -- Robust Real Time Face Tracking for the Analysis of Human Behaviour -- Multimodal Processing -- Conditional Sequence Model for Context-Based Recognition of Gaze Aversion -- Meeting State Recognition from Visual and Aural Labels -- Object Category Recognition Using Probabilistic Fusion of Speech and Image Classifiers -- HCI, User Studies and Applications -- Automatic Annotation of Dialogue Structure from Simple User Interaction -- Interactive Pattern Recognition -- User Specific Training of a Music Search Engine -- An Ego-Centric and Tangible Approach to Meeting Indexing and Browsing -- Integrating Semantics into Multimodal Interaction Patterns -- Towards an Objective Test for Meeting Browsers: The BET4TQB Pilot Experiment -- Image and Video Processing -- Face Recognition in Smart Rooms -- Gaussian Process Latent Variable Models for Human Pose Estimation -- Discourse and Dialogue Processing -- Automatic Labeling Inconsistencies Detection and Correction for Sentence Unit Segmentation in Conversational Speech -- Term-Weighting for Summarization of Multi-party Spoken Dialogues -- Automatic Decision Detection in Meeting Speech -- Czech Text-to-Sign Speech Synthesizer |

-- Speech and Audio Processing -- Using Prosodic Features in Language Models for Meetings -- Posterior-Based Features and Distances in Template Matching for Speech Recognition -- A Study of Phoneme and Grapheme Based Context-Dependent ASR Systems -- Transfer Learning for Tandem ASR Feature Extraction -- Spoken Term Detection System Based on Combination of LVCSR and Phonetic Search -- Frequency Domain Linear Prediction for QMF Sub-bands and Applications to Audio Coding -- Modeling Vocal Interaction for Segmentation in Meeting Recognition -- Binaural Speech Separation Using Recurrent Timing Neural Networks for Joint F0-Localisation Estimation -- PASCAL Speech Separation Challenge II -- To Separate Speech -- Microphone Array Beamforming Approach to Blind Speech Separation.
