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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)
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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
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Livello bibliografico	Monografia
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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.
