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Altri autori (Persone)	BengioSamy BourlardHerve <1956->
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Nota di contenuto	MLMI 2004 -- Accessing Multimodal Meeting Data: Systems, Problems and Possibilities -- Browsing Recorded Meetings with Ferret -- Meeting Modelling in the Context of Multimodal Research -- Artificial Companions -- Zakim -- A Multimodal Software System for Large-Scale Teleconferencing -- Towards Computer Understanding of Human Interactions -- Multistream Dynamic Bayesian Network for Meeting Segmentation -- Using Static Documents as Structured and Thematic Interfaces to Multimedia Meeting Archives -- An Integrated Framework for the Management of Video Collection -- The NITE XML Toolkit Meets

the ICSI Meeting Corpus: Import, Annotation, and Browsing -- S-SEER: Selective Perception in a Multimodal Office Activity Recognition System -- Mapping from Speech to Images Using Continuous State Space Models -- An Online Algorithm for Hierarchical Phoneme Classification -- Towards Predicting Optimal Fusion Candidates: A Case Study on Biometric Authentication Tasks -- Mixture of SVMs for Face Class Modeling -- AV16.3: An Audio-Visual Corpus for Speaker Localization and Tracking -- The 2004 ICSI-SRI-UW Meeting Recognition System -- On the Adequacy of Baseform Pronunciations and Pronunciation Variants -- Tandem Connectionist Feature Extraction for Conversational Speech Recognition -- Long-Term Temporal Features for Conversational Speech Recognition -- Speaker Indexing in Audio Archives Using Gaussian Mixture Scoring Simulation -- Speech Transcription and Spoken Document Retrieval in Finnish -- A Mixed-Lingual Phonological Component Which Drives the Statistical Prosody Control of a Polyglot TTS Synthesis System -- Shallow Dialogue Processing Using Machine Learning Algorithms (or Not) -- ARCHIVUS: A System for Accessing the Content of Recorded Multimodal Meetings -- Piecing Together the Emotion Jigsaw -- EmotionAnalysis in Man-Machine Interaction Systems -- A Hierarchical System for Recognition, Tracking and Pose Estimation -- Automatic Pedestrian Tracking Using Discrete Choice Models and Image Correlation Techniques -- A Shape Based, Viewpoint Invariant Local Descriptor.

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#### Sommario/riassunto

This book contains a selection of refereed papers presented at the 1st Wo- shop on Machine Learning for Multimodal Interaction (MLMI 2004), held at the "Centre du Parc," Martigny, Switzerland, during June 21-23, 2004. The workshop was organized and sponsored jointly by three European projects, - AMI, Augmented Multiparty Interaction, <http://www.amiproject.org> - PASCAL, Pattern Analysis, Statistical Modeling and Computational Learning, <http://www.pascal-network.org> - M4, Multi-modal Meeting Manager, <http://www.m4project.org> as well as the Swiss National Centre of Competence in Research (NCCR): - IM2: Interactive Multimodal Information Management, <http://www.im2.ch> MLMI 2004 was thus sponsored by the European Commission and the Swiss National Science Foundation. Given the multiple links between the above projects and several related - search areas, it was decided to organize a joint workshop bringing together - searchers from the di'erent communities working around the common theme of advanced machine learning algorithms for processing and structuring mul- modal human interaction in meetings. The motivation for creating such a forum, which could be perceived as a number of papers from di'erent research dis- plines, evolved from a real need that arose from these projects and the strong motivation of their partners for such a multidisciplinary workshop. This asse- ment was indeed con'med by the success of this ?rst MLMI workshop, which attracted more than 200 participants.

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