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| 1. Record Nr.           | UNISA996465836403316                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Titolo                  | Multimodal technologies for perception of humans : First International Evaluation Workshop on Classification of Events, Activities and Relationships, CLEAR 2006, Southampton, UK, April 6-7, 2006, revised selected papers // edited by Rainer Stiefelhagen, John Garofolo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
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| Edizione                | [1st ed. 2007.]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Descrizione fisica      | 1 online resource (XII, 360 p.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Collana                 | Image Processing, Computer Vision, Pattern Recognition, and Graphics ;<br>; 4122                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Disciplina              | 006.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Soggetti                | Social interaction - Data processing<br>Human behavior - Data processing<br>Pattern recognition systems - Evaluation<br>Imaging systems - Evaluation<br>Biometric identification - Technological innovations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 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       | Overview -- The CLEAR 2006 Evaluation -- 3D Person Tracking -- 3D Audiovisual Person Tracking Using Kalman Filtering and Information Theory -- A Generative Approach to Audio-Visual Person Tracking -- An Audio-Visual Particle Filter for Speaker Tracking on the CLEAR'06 Evaluation Dataset -- Multi-and Single View Multiperson Tracking for Smart Room Environments -- UPC Audio, Video and Multimodal Person Tracking Systems in the Clear Evaluation Campaign -- A Joint System for Single-Person 2D-Face and 3D-Head Tracking in CHIL Seminars -- Speaker Tracking in Seminars by Human Body Detection -- TUT Acoustic Source Tracking System 2006 -- Tracking Multiple Speakers with Probabilistic Data Association Filters -- 2D Face Detection and Tracking -- 2D Person Tracking Using Kalman Filtering and Adaptive Background Learning in a Feedback Loop -- PittPatt Face Detection and |

Tracking for the CLEAR 2006 Evaluation -- Person Tracking on Surveillance Data -- The AIT Outdoors Tracking System for Pedestrians and Vehicles -- Evaluation of USC Human Tracking System for Surveillance Videos -- Vehicle Tracking -- Multi-feature Graph-Based Object Tracking -- Multiple Vehicle Tracking in Surveillance Videos -- Robust Appearance Modeling for Pedestrian and Vehicle Tracking -- Robust Vehicle Blob Tracking with Split/Merge Handling -- Person Identification -- A Decision Fusion System Across Time and Classifiers for Audio-Visual Person Identification -- The CLEAR'06 LIMS I Acoustic Speaker Identification System for CHIL Seminars -- Person Identification Based on Multichannel and Multimodality Fusion -- ISL Person Identification Systems in the CLEAR Evaluations -- Audio, Video and Multimodal Person Identification in a Smart Room -- Head Pose Estimation -- Head Pose Estimation on Low Resolution Images -- Evaluation of Head Pose Estimation for Studio Data -- Neural Network-Based Head Pose Estimation and Multi-view Fusion -- Head Pose Estimation in Seminar Room Using Multi View Face Detectors -- Head Pose Detection Based on Fusion of Multiple Viewpoint Information -- Acoustic Scene Analysis -- CLEAR Evaluation of Acoustic Event Detection and Classification Systems -- The CLEAR 2006 CMU Acoustic Environment Classification System -- Other Evaluations -- 2D Multi-person Tracking: A Comparative Study in AMI Meetings -- Head Pose Tracking and Focus of Attention Recognition Algorithms in Meeting Rooms.

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