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| Descrizione fisica      | 1 online resource (XIV, 350 p.)                                                                                                                                                                                                                                                                                                                                                                                     |
| Collana                 | Information Systems and Applications, incl. Internet/Web, and HCI ; ; 3468                                                                                                                                                                                                                                                                                                                                          |
| Disciplina              | 004.16                                                                                                                                                                                                                                                                                                                                                                                                              |
| Soggetti                | Computer communication systems<br>Special purpose computers<br>Operating systems (Computers)<br>Application software<br>Information storage and retrieval<br>Computers and civilization<br>Computer Communication Networks<br>Special Purpose and Application-Based Systems<br>Operating Systems<br>Information Systems Applications (incl. Internet)<br>Information Storage and Retrieval<br>Computers and Society |
| Lingua di pubblicazione | Inglese                                                                                                                                                                                                                                                                                                                                                                                                             |
| Formato                 | Materiale a stampa                                                                                                                                                                                                                                                                                                                                                                                                  |
| Livello bibliografico   | Monografia                                                                                                                                                                                                                                                                                                                                                                                                          |
| Note generali           | Conference proceedings.                                                                                                                                                                                                                                                                                                                                                                                             |
| Nota di bibliografia    | Includes bibliographic references and index.                                                                                                                                                                                                                                                                                                                                                                        |
| Nota di contenuto       | Location Techniques -- Audio Location: Accurate Low-Cost Location Sensing -- Using Sound Source Localization in a Home Environment -- Tracking Locations of Moving Hand-Held Displays Using Projected Light -- Activity and Context -- Bathroom Activity Monitoring Based on Sound -- Simultaneous Tracking and Activity Recognition (STAR) Using Many Anonymous, Binary Sensors -- Enhancing Semantic Spaces with  |

Event-Driven Context Interpretation -- The Java Context Awareness Framework (JCAF) -- A Service Infrastructure and Programming Framework for Context-Aware Applications -- Location and Privacy -- Place Lab: Device Positioning Using Radio Beacons in the Wild -- Social Disclosure of Place: From Location Technology to Communication Practices -- A Formal Model of Obfuscation and Negotiation for Location Privacy -- Handheld Devices -- A Conceptual Framework for Camera Phone-Based Interaction Techniques -- u-Photo: Interacting with Pervasive Services Using Digital Still Images -- Towards Massively Multi-user Augmented Reality on Handheld Devices -- Sensor Systems -- Design Methodology for Context-Aware Wearable Sensor Systems -- Collaborative Sensing in a Retail Store Using Synchronous Distributed Jam Signalling -- Parasitic Mobility for Pervasive Sensor Networks -- User Interaction -- Decision-Theoretic Planning Meets User Requirements: Enhancements and Studies of an Intelligent Shopping Guide -- Integrating Intra and Extra Gestures into a Mobile and Multimodal Shopping Assistant -- AwareMirror: A Personalized Display Using a Mirror -- Embedded Assessment: Overcoming Barriers to Early Detection with Pervasive Computing.

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### Sommario/riassunto

Welcome to the proceedings of Pervasive 2005, The 3rd International Conference on Pervasive Computing. We were honored to serve as chairs in this conference series, which was founded in 2002 and is now emerging as one of the most respected venues for publication of research on pervasive and ubiquitous computing. The conference is attracting research submissions of very high quality from all over the world, and from researchers representing a variety of disciplines and perspectives. We thank everybody who submitted their papers to Pervasive, demonstrating the extensive work going on in this area; and the Program Committee and our external reviewers who spent countless hours providing feedback and guidance in order to create the final program. This year we received 130 submissions. By the end of the review process, we had 566 reviews on file, as well as long email discussion threads for each paper. In an initial phase we had each paper reviewed by two members of the Program Committee and two external reviewers. In a second phase, each paper was discussed by its four reviewers to reach consensus as to its technical merit. At the end of this phase, the top-rated papers as well as those that were found to be most controversial were selected for discussion at the PC meeting and reviewed by an additional PC member. The result being that each paper discussed in the PC meeting had 5 reviews and was read by three people who participated in the meeting, leading to a very informed and lively discussion.

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