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Collana	Information Systems and Applications, incl. Internet/Web, and HCI ; ; 5013
Disciplina	004.16
Soggetti	Computer engineering Computer communication systems Special purpose computers Computer security Application software Information storage and retrieval Computer Engineering Computer Communication Networks Special Purpose and Application-Based Systems Systems and Data Security Information Systems Applications (incl. Internet) Information Storage and Retrieval
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Sensing and Activity Recognition -- Detecting Human Movement by Differential Air Pressure Sensing in HVAC System Ductwork: An Exploration in Infrastructure Mediated Sensing -- Robust Recognition of Reading Activity in Transit Using Wearable Electrooculography -- Pressing the Flesh: Sensing Multiple Touch and Finger Pressure on Arbitrary Surfaces -- Applications for Mobile Devices -- Makelt: Integrate User Interaction Times in the Design Process of Mobile Applications -- Cooperative Techniques Supporting Sensor-Based People-Centric Inferencing -- Microsearch: When Search Engines Meet

Small Devices -- Location in Pervasive Systems -- Identifying Meaningful Places: The Non-parametric Way -- An Integrated Platform for the Management of Mobile Location-Aware Information Systems -- Calibree: Calibration-Free Localization Using Relative Distance Estimations -- Location Conflict Resolution with an Ontology -- Platforms for Pervasive Computing -- Evaluation and Analysis of a Common Model for Ubiquitous Systems Interoperability -- A Context-Aware System that Changes Sensor Combinations Considering Energy Consumption -- Providing an Integrated User Experience of Networked Media, Devices, and Services through End-User Composition -- Lessons Learned from Displays, Games and Health Applications -- Overcoming Assumptions and Uncovering Practices: When Does the Public Really Look at Public Displays? -- Gaming Tourism: Lessons from Evaluating REXplorer, a Pervasive Game for Tourists -- Opportunities for Pervasive Computing in Chronic Cancer Care -- Privacy and Security -- AnonySense: Opportunistic and Privacy-Preserving Context Collection -- Privacy Protection for RFID with Hidden Subset Identifiers.

Sommario/riassunto

This book constitutes the refereed proceedings of the 6th International Conference on Pervasive Computing, PERVASIVE 2008, held in Sydney, Australia, in May 2008. The 18 revised full papers presented were carefully selected during two rounds of reviewing and improvement. The papers are organized in topical sections on sensing and activity recognition, applications for mobile devices, location in pervasive systems, platforms for pervasive computing, lessons learned from displays, games and health applications, as well as privacy and security.
