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Collana	Information Systems and Applications, incl. Internet/Web, and HCI ; ; 5538
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Disciplina	621.39
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 Kongress. Nara (2009)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Digital Displays -- Display Blindness: The Effect of Expectations on Attention towards Digital Signage -- Users' View on Context-Sensitive Car Advertisements -- ReflectiveSigns: Digital Signs That Adapt to

Audience Attention -- Navigation -- Realistic Driving Trips For Location Privacy -- Enhancing Navigation Information with Tactile Output Embedded into the Steering Wheel -- Landmark-Based Pedestrian Navigation with Enhanced Spatial Reasoning -- At Home with Pervasive Applications -- The Acceptance of Domestic Ambient Intelligence Appliances by Prospective Users -- Adding GPS-Control to Traditional Thermostats: An Exploration of Potential Energy Savings and Design Challenges -- KidCam: Toward an Effective Technology for the Capture of Children's Moments of Interest -- Sensors, Sensors, Everywhere -- Mobile Device Interaction with Force Sensing -- Inferring Identity Using Accelerometers in Television Remote Controls -- The Effectiveness of Haptic Cues as an Assistive Technology for Human Memory -- Exploring Privacy Concerns about Personal Sensing -- Working Together -- Enabling Pervasive Collaboration with Platform Composition -- Askus: Amplifying Mobile Actions -- Boxed Pervasive Games: An Experience with User-Created Pervasive Games -- Tagging and Tracking -- RF-Based Initialisation for Inertial Pedestrian Tracking -- PL-Tags: Detecting Batteryless Tags through the Power Lines in a Building -- Geo-fencing: Confining Wi-Fi Coverage to Physical Boundaries -- Securing RFID Systems by Detecting Tag Cloning -- Methods and Tools -- Towards Ontology-Based Formal Verification Methods for Context Aware Systems -- Situvis: A Visual Tool for Modeling a User's Behaviour Patterns in a Pervasive Environment -- Methodologies for Continuous Cellular Tower Data Analysis -- The Importance of Context -- "It's Just Easier with the Phone" -- A Diary Study of Internet Access from Cell Phones -- Does Context Matter ? - A Quantitative Evaluation in a Real World Maintenance Scenario -- On the Anonymity of Home/Work Location Pairs -- Working Overtime: Patterns of Smartphone and PC Usage in the Day of an Information Worker.

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#### Sommario/riassunto

This book constitutes the refereed proceedings of the 7th International Conference on Pervasive Computing, Pervasive 2009, held in Nara, Japan, in May 2009. The 20 revised full papers and 7 revised short papers presented were carefully reviewed and selected from 147 initial submissions. The papers are organized in topical sections on digital displays, navigation, at home with pervasive applications, sensors, sensors, everywhere, working together, tagging and tracking, methods and tools, and the importance of context.

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