1.	Record Nr.	UNINA9910483221403321
	Titolo	Ambient Intelligence : European Conference, AmI 2007, Darmstadt, Germany, November 7-10, 2007, Proceedings / / edited by Bernt Schiele, Anind K. Dey, Hans Gellersen, Manfred Tscheligi, Reiner Wichert, Emile Aerts, Alejandro Buchmann
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2007
	ISBN	3-540-76652-9
	Edizione	[1st ed. 2007.]
	Descrizione fisica	1 online resource (XV, 381 p.)
	Collana	Information Systems and Applications, incl. Internet/Web, and HCI, , 2946-1642 ; ; 4794
	Disciplina	004.019
	Soggetti	User interfaces (Computer systems) Human-computer interaction Application software Computer networks Operating systems (Computers) Artificial intelligence Computers and civilization User Interfaces and Human Computer Interaction Computer and Information Systems Applications Computer Communication Networks Operating Systems Artificial Intelligence Computers and Society
	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	Mobility and Sensing -- Mobile Interaction with the Real World: An Evaluation and Comparison of Physical Mobile Interaction Techniques -- Portable Wireless Sensors for Object Usage Sensing in the Home: Challenges and Practicalities -- Role Assignment Via Physical Mobile Interaction Techniques in Mobile Multi-user Applications for Children -- Applications of AmI -- Context-Sensitive Microlearning of Foreign

Language Vocabulary on a Mobile Device -- Ambient Intelligence for Decision Making in Fire Service Organizations -- Supporting Independent Living of the Elderly with Mobile-Centric Ambient Intelligence: User Evaluation of Three Scenarios -- Activity and Location Sensing -- A Study on the Suitability of GSM Signatures for Indoor Location -- How Computer Vision Can Help in Outdoor Positioning -- Toward Recognition of Short and Non-repetitive Activities from Wearable Sensors -- AmI and Artifiial Intelligence -- Distributed AI for Ambient Intelligence: Issues and Approaches -- Active Coordination Artifacts in Collaborative Ubiquitous-Computing Environments -- AmI Middleware and Infrastructure -- A Communication Middleware for Smart Room Environments -- Evaluating Confidence in Context for Context-Aware Security -- A Compiler for the Smart Space -- Interaction with the Environment -- Situated Public News and Reminder Displays -- A Web 2.0 Platform to Enable Context-Aware Mobile Mash-Ups -- A Matter of Taste -- Case Studies and Lessons Learned -- User Centered Research in ExperienceLab -- Enhancing the Shopping Experience with Ambient Displays: A Field Study in a Retail Store -- Expected Information Needs of Parents for Pervasive Awareness Systems -- Assemblies of Heterogeneous Technologies at the Neonatal Intensive Care Unit -- Improving Mobile Solution Workflows and Usability Using Near Field Communication Technology.

| Sommario/riassunto | This book constitutes the refereed proceedings of the First European Conference on Ambient Intelligence, AmI 2007, held in Darmstadt, Germany, in November 2007. The 17 revised full papers presented together with five research reports were carefully reviewed and selected from 48 submissions. The papers are organized in topical sections. The book is rounded off by a section on case studies and lessons learned, presenting a high level selection of current research reports and papers. |