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	Soggetti	Application software
		Information storage and retrieval
		Computer communication systems
		User interfaces (Computer systems)
		Algorithms
		Electrical engineering
		Information Systems Applications (incl. Internet)
		Information Storage and Retrieval
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	Nota di contenuto	Intelligent Sensors and Sensor Network -- Multi-channel Support for Dense Wireless Sensor Networking -- Data Aggregation for Target Tracking in Wireless Sensor Networks -- A Zone-Based Clustering Method for Ubiquitous Robots Based on Wireless Sensor Networks -- Context Awareness and Architectures -- A Simulation Study of Integrated Service Discovery -- Context Dissemination and Aggregation for Ambient Networks: Jini Based Prototype -- Discovery and Composition of Services for Context-Aware Systems -- Infrastructural

Support for Dynamic Context Bindings -- Adding Context Awareness to C# -- Toward Wide Area Interaction with Ubiquitous Computing Environments -- Maintaining a World Model in a Location-Aware Smart Space -- Privacy, Application and Test Beds -- Shadow: A Middleware in Pervasive Computing Environment for User Controllable Privacy Protection -- Auditing and Inference Control for Privacy Preservation in Uncertain Environments -- Developing a Context-Aware System for Providing Intelligent Robot Services -- Music for My Mood: A Music Recommendation System Based on Context Reasoning -- WLAN Location-Aware Application Based on Accumulated Orientation Strength Algorithm -- Posters: Short Papers -- Context Delivery in Ad Hoc Networks Using Enhanced Gossiping Algorithms -- An Attribute-Based Naming Architecture for Wireless Sensor Networks Using a Virtual Counterpart Overlay Network -- A Sensor Platform for Sentient Transportation Research -- Attention-Based Information Composition for Multicontext-Aware Recommendation in Ubiquitous Computing -- Context-Aware Trust Domains -- An Evaluation Framework for Disseminating Context Information with Gossiping -- Dynamic Bayesian Networks for Visual Surveillance with Distributed Cameras -- Embedded Intelligence: Enabling In-Situ Power Management for Wireless Sensor Networks -- Proximity Sensing Using IEEE 802.15.4 Radios -- Towards Hovering Information -- Balancing Smartness and Privacy for the Ambient Intelligence -- Energy Conservation with EDFI Scheduling -- RuleCaster: A Programming System for Wireless Sensor Networks -- Losing Control in Pro-active Home Environments.

| Sommario/riassunto | This volume contains the papers and posters selected for presentation at the First European Conference on Smart Sensing and Context (EuroSSC 2006) in Enschede, The Netherlands. EuroSSC 2006 was the ?rst conference of a series aiming at bringing together designers, engineers and researchers to explore two complementary viewpoints: – A device-centric,technology-drivenview: concerning intelligent sensors, s- sor networks and information processing for a new generation of networked devices and environments. – A service-centric, user-driven view: exploring architectures, techniques, and algorithms for context-aware and pro-active applications made possible by thedi? usionofambientcommunication,cooperatingobjects,andinteraction technologies. These subjects are active and relevant research areas in themselves, and there are several conferences that address them separately. EuroSSC 2006, however, considered them both, and especially the symbiosis between them, which we expect to result in very inspiring and interesting discussions, as well as new research ideas on how to combine them. The conference was organized in single tracks covering various issues ra- ing from intelligent sensors, sensor networks, context management and context awareness,andprivacy, toapplicationsandtestbeds. Organizingaconferencefor the ?rst time requires lots of preparations, such as ?nding a publisher, spons- ing organizations,and TPC members and most importantly attracting potential submitters. Fortunately, the amount and quality of the submissions were such that we were in the luxurious position to be able to accept only high quality and relevant papers. The conference attracted world wide attention and submissions came from ?ve continents. A total of 15 accepted full papers and 14 accepted posters came from Asia, North America and Europe. |