

| | |
|-------------------------|---|
| 1. Record Nr. | UNINA9910483957503321 |
| Titolo | Ubiquitous intelligence and computing : 5th International Conference, UIC 2008, Oslo, Norway, June 23-25, 2008 : proceedings // Frode Eika Sandnes ... [et al.] (eds.) |
| Pubbl/distr/stampa | Berlin, : Springer, 2008 |
| ISBN | 3-540-69293-2 |
| Edizione | [1st ed. 2008.] |
| Descrizione fisica | 1 online resource (XVIII, 763 p.) |
| Collana | Lecture notes in computer science, , 0302-9743 ; ; 5061 LNCS sublibrary. SL 3, Information systems and application, incl. Internet/Web and HCI |
| Altri autori (Persone) | SandnesFrode Eika |
| Disciplina | 005.437 4.019 |
| Soggetti | Ubiquitous computing Artificial intelligence |
| 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 | Keynote Speech -- Challenges in the Design and Development of Context-Aware Applications -- The Importance of Including the Haptics Factor in Interaction Design -- Regular Papers -- Security Policy Integration and Conflict Reconciliation for Collaborations among Organizations in Ubiquitous Computing Environments -- Improved Weighted Centroid Localization in Smart Ubiquitous Environments -- A Formal Framework for Expressing Trust Negotiation in the Ubiquitous Computing Environment -- Pervasive Services on the Move: Smart Service Diffusion on the OSGi Framework -- Robots in Smart Spaces - A Case Study of a u-Object Finder Prototype - -- Biometrics Driven Smart Environments: Abstract Framework and Evaluation -- A Structured Methodology of Scenario Generation and System Analysis for Ubiquitous Smart Space Development -- Capturing Semantics for Information Security and Privacy Assurance -- A Framework for Context-Aware Home-Health Monitoring -- Semantic Learning Space: An Infrastructure for Context-Aware Ubiquitous Learning -- A Comprehensive Approach for Situation-Awareness Based on Sensing and Reasoning about Context -- Context-Adaptive User Interface in Ubiquitous Home Generated by Bayesian and Action Selection Networks |

-- Use Semantic Decision Tables to Improve Meaning Evolution Support Systems -- Combining User Profiles and Situation Contexts for Spontaneous Service Provision in Smart Assistive Environments -- Ubiquitous Phone System -- Utilizing RFIDs for Location Aware Computing -- A Component-Based Ambient Agent Model for Assessment of Driving Behaviour -- A Cartesian Robot for RFID Signal Distribution Model Verification -- Self-Localization in a Low Cost Bluetooth Environment -- Penetration Testing of OPC as Part of Process Control Systems -- Intersection Location Service for Vehicular Ad Hoc Networks with Cars in Manhattan Style Movement Patterns -- Ubiquitous and Robust Text-Independent Speaker Recognition for Home Automation Digital Life -- Energy Efficient In-Network Phase RFID Data Filtering Scheme -- Energy-Efficient Tracking of Continuous Objects in Wireless Sensor Networks -- Data Randomization for Lightweight Secure Data Aggregation in Sensor Network -- Mobile Sink Routing Protocol with Registering in Cluster-Based Wireless Sensor Networks -- Towards the Implementation of Reliable Data Transmission for 802.15.4-Based Wireless Sensor Networks -- An Energy-Efficient Query Processing Algorithm for Wireless Sensor Networks -- Special Session Papers -- Rule Selection for Collaborative Ubiquitous Smart Device Development: Rough Set Based Approach -- An Object-Oriented Framework for Common Abstraction and the Comet-Based Interaction of Physical u-Objects and Digital Services -- Personalizing Threshold Values on Behavior Detection with Collaborative Filtering -- IP Traceback Using Digital Watermark and HoneyPot -- Multi-priority Multi-path Selection for Video Streaming in Wireless Multimedia Sensor Networks -- Energy Constrained Multipath Routing in Wireless Sensor Networks -- Controlling Uncertainty in Personal Positioning at Minimal Measurement Cost -- RFID System Security Using Identity-Based Cryptography -- RFID: An Ideal Technology for Ubiquitous Computing? -- An Experimental Analysis of Undo in Ubiquitous Computing Environments -- Towards a Collaborative Reputation Based Service Provider Selection in Ubiquitous Computing Environments -- Petri Net-Based Episode Detection and Story Generation from Ubiquitous Life Log -- Protection Techniques of Secret Information in Non-tamper Proof Devices of Smart Home Network -- Universal Remote Control for the Smart World -- Mobile Navigation System for the Elderly -- Preliminary Experiment and Evaluation -- Time Stamp Protocol for Smart Environment Services -- An Analysis of the Manufacturing Messaging Specification Protocol -- A Long-Distance Time Domain Sound Localization -- Towards Dataintegration from WITSML to ISO 15926 -- A SIP-Based Session Mobility Management Framework for Ubiquitous Multimedia Services -- AwarePen - Classification Probability and Fuzziness in a Context Aware Application -- A Model Driven Development Method for Developing Context-Aware Pervasive Systems -- Intelligent System Architecture for Context-Awareness in Ubiquitous Computing -- User-Based Constraint Strategy in Ontology Matching -- RFID-Based Interactive Learning in Science Museums -- Real-Time Detection of Passing Objects Using Virtual Gate and Motion Vector Analysis -- A Ubiquitous Interactive Museum Guide -- Dynamic Probabilistic Packet Marking with Partial Non-Preemption -- Fractal Model Based Face Recognition for Ubiquitous Environments.

Sommario/riassunto

This book constitutes the refereed proceedings of the 5th International Conference on Ubiquitous Intelligence and Computing, UIC 2008, held in Oslo, Norway, in June 2008, co-located with ATC 2008, the 5th International Conference on Autonomic and Trusted Computing. The 27 revised full papers presented together with 2 keynote papers and 1

invited paper were carefully reviewed and selected from 102 submissions. The papers are organized in topical sections on ubiquitous computing, smart spaces/environments/services, context-aware services and applications, intelligent computing: middleware, models and services, wireless sensor networks, smart objects and embedded computing, wireless networks: routing, mobility and security, ubiquitous computing, smart spaces/environments/services, intelligent computing: middleware, models and services, context-aware services and applications, as well as object identification: techniques and applications.
