

1. Record Nr.	UNISA996465531203316
Titolo	Ambient Assistive Health and Wellness Management in the Heart of the City [[electronic resource] ] : 7th International Conference on Smart Homes and Health Telematics, ICOST 2009, Tours, France, July 1-3, 2009, Proceedings // edited by Mokhtari Mounir, Ismail Khalil, J�r�my Bauchet, Daqing Zhang, Chris D. Nugent
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2009
ISBN	3-642-02868-3
Edizione	[1st ed. 2009.]
Descrizione fisica	1 online resource (XV, 309 p.)
Collana	Information Systems and Applications, incl. Internet/Web, and HCI ; ; 5597
Disciplina	004
Soggetti	Computers and civilization Geriatrics Bioinformatics Special purpose computers Optical data processing Pattern recognition Computers and Society Geriatrics/Gerontology Computational Biology/Bioinformatics Special Purpose and Application-Based Systems Image Processing and Computer Vision Pattern Recognition Congresses. Kongress2009.Tours Conference papers and proceedings. Kongress. Tours (2009)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	International conference proceedings.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cognitive Assistance and Chronic Diseases Management -- Computer-

Based Assessment of Bradykinesia, Akinesia and Rigidity in Parkinson's Disease -- An Assistive Computerized System for Children with Intellectual and Learning Disabilities -- Design Challenges for Mobile Assistive Technologies Applied to People with Cognitive Impairments -- Mapping User Needs to Smartphone Services for Persons with Chronic Disease -- Trial Results of a Novel Cardiac Rhythm Management System Using Smart Phones and Wireless ECG Sensors -- Ambient Living Systems -- Participatory Medicine: Leveraging Social Networks in Telehealth Solutions -- A Case Study of an Ambient Living and Wellness Management Health Care Model in Australia -- Market Potential for Ambient Assisted Living Technology: The Case of Canada -- Service Continuity and Context Awareness -- An Ontology-Based Actuator Discovery and Invocation Framework in Home Care Systems -- Towards an Affective Aware Home -- Global System for Localization and Guidance of Dependant People: Indoor and Outdoor Technologies Integration -- An Architecture to Combine Context Awareness and Body Sensor Networks for Health Care Applications -- User Modeling and Human-Machine Interaction -- Multimodal Laser-Vision Approach for the Deictic Control of a Smart Wheelchair -- Pervasive Informatics and Persistent Actimetric Information in Health Smart Homes -- Interactive Calendar to Help Maintain Social Interactions for Elderly People and People with Mild Cognitive Impairments -- Situation-Theoretic Analysis of Human Intentions in a Smart Home Environment -- Multi-purpose Ambient Display System Supporting Various Media Objects -- Ambient Intelligence Modeling and Privacy Issues -- Towards a Task Supporting System with CBR Approach in Smart Home -- Appliance Recognition from Electric Current Signals for Information-Energy Integrated Network in Home Environments -- WIVA: WSN Monitoring Framework Based on 3D Visualization and Augmented Reality in Mobile Devices -- Environment Objects: A Novel Approach for Modeling Privacy in Pervasive Computing -- Privacy-Aware Web Services in Smart Homes -- Human Behavior and Activities Monitoring -- Concept and Design of a Video Monitoring System for Activity Recognition and Fall Detection -- Design and Trial Deployment of a Practical Sleep Activity Pattern Monitoring System -- A Rotating Roll-Call-Based Adaptive Failure Detection and Recovery Protocol for Smart Home Environments -- Fall Detection and Alert for Ageing-at-Home of Elderly -- ADL Monitoring System Using FSR Arrays and Optional 3-Axis Accelerometer -- Short Papers -- Efficient Incremental Plan Recognition Method for Cognitive Assistance -- Home Based Self-management of Chronic Diseases -- SOPRANO – An Ambient Assisted Living System for Supporting Older People at Home -- An Agent-Based Healthcare Support System in Ubiquitous Computing Environments -- A Ubiquitous Computing Environment to Support the Mobility of Users with Special Needs -- Evaluation Metrics for eHealth Services and Applications within Smart Houses Context -- Design and Implementation of Mobile Self-care System Using Voice and Facial Images -- Towards a Service Oriented Architecture (SOA) for Tele-Rehabilitation -- IP Multimedia Subsystem Technology for Ambient Assisted Living -- Enhancing OSGi: Semantic Add-ins for Service Oriented Collaborative Environments -- Using Web Services for Medication Management in a Smart Home Environment -- Service Reconfiguration in the DANAH Assistive System -- Model-Driven Development Approach for Providing Smart Home Services -- LET\_ME: An Electronic Device to Help Elderly People with Their Home Medications -- Preferences of Healthcare Staff in the Way of Interacting with Robots Depending on Their Prior Knowledge of ICTs: Findings from Iward Project -- Research and Development Pathway of

Rehabilitative and Assistive Robots at National Rehabilitation Center in Korea -- A Predictive Analysis of the Night-Day Activities Level of Older Patient in a Health Smart Home -- Spatiotemporal Data Acquisition Modalities for Smart Home Inhabitant Movement Behavioural Analysis -- Towards Improved Information Quality: The Integration of Body Area Network Data within Electronic Health Records -- Distributed Dynamic Self-adaptation of Data Management in Telemedicine Applications.

---

Sommario/riassunto

This book constitutes the refereed proceedings of the 7th International Conference On Smart Homes and Health Telematics, ICOST 2009, held in Tours, France, in July 2009. The 27 revised full papers and 20 short papers presented were carefully reviewed and selected from numerous submissions. The papers are organized in topical sections on cognitive assistance and chronic diseases management; ambient living systems; service continuity and context awareness; user modeling and human-machine interaction; ambient intelligence modeling and privacy issues, human behavior and activities monitoring.

---