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Collana	Communications in Computer and Information Science, , 1865-0929 ; ; 578
Disciplina	502.85
Soggetti	Health informatics Computers and civilization Optical data processing Artificial intelligence User interfaces (Computer systems) Health Informatics Computers and Society Computer Imaging, Vision, Pattern Recognition and Graphics Artificial Intelligence User Interfaces and Human Computer Interaction
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	The Community Assessment of Risk Screening and Treatment Strategies (CARTS): An Integrated Care Pathway to Manage Frailty and Functional Decline in Community Dwelling Older Adults -- Advancing Ambient Assisted Living with Caution -- Ambient Technology to Support Elderly People in Outdoor Risk Situations -- Toward Context-aware Smart Oven to Prevent Cooking Risks in Kitchen of Elderly People -- Increased Engagement in Telegeriatrics Reduces Unnecessary Hospital Admissions of Nursing Home Residents -- Virtual Geriatric Care: User Perception of Telegeriatrics in Nursing Homes of Singapore

-- Modeling and Predicting the Human Heart Rate during Running Exercise -- Handling of Emergency Situations with Elderly Patients using Autonomous Mobile Robot and Smart Tablets -- Home-based Activity Monitoring of Elderly People through a Hierarchical Approach -- Mapping Memories for People with Dementia -- Interaction Model-based User Interfaces: Two Approaches, One Goal - Comparison of Two User Interface Generation Approaches Applying Interaction Models -- Older Adults Digital Gameplay: A Follow-up Study of Social Benefits -- Surpassing Entertainment with Computer Games: Online Tools for Early Warnings of Mild Cognitive Impairment.

Sommario/riassunto

This book constitutes the thoroughly refereed proceedings of the International Conference on Communication Technologies for Ageing Well and e-Health, ICT4AgeingWell 2015, held in Lisbon, Portugal, in May 2015. The 11 full papers and two invited papers presented were carefully reviewed and selected from 45 submissions. The papers cover five main topic areas, covering different aspects, including Ambient Assisted Living, Telemedicine and E-Health, Monitoring, Accessibility and User Interfaces, Robotics and Devices for Independent Living and HCI for Ageing Populations.
