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Collana	Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, , 1867-8211 ; ; 181
Disciplina	610.285
Soggetti	Artificial intelligence Health informatics User interfaces (Computer systems) Special purpose computers Computer communication systems Optical data processing Artificial Intelligence Health Informatics User Interfaces and Human Computer Interaction Special Purpose and Application-Based Systems Computer Communication Networks Computer Imaging, Vision, Pattern Recognition and Graphics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	IoTcare 2016 -- Remote Assistance for Elderly to Find Hidden Objects in a Kitchen -- Tele-guidance based Navigation System for the Visually Impaired and Blind Persons -- Near-Eye LED Indicators on Glasses for Simple and Smart Navigation in Daily Life -- Proposal of a new privacy protection scheme for the data subject on the International cooperation information sharing platform -- A Transparent home Sensors/Actuators layer for Health -- Augmenting Object with IoT to Enhance Elders' Social Life -- ICT Use in Family Caregiving of Elderly and Disabled Subjects -- Self-Aware Early Warning Score System for

IoT-Based Personalized Healthcare -- Towards Longitudinal Data Analytics in Parkinson's Disease -- GOWELL 2016 -- Mobile Technology to the Elderly with the Support of Young Volunteers -- Ring a bell? Adaptive Auditory Game Feedback to Sustain Performance in Stroke Rehabilitation -- Games and Gamification for Healthy Behaviours: The experience of PEGASO Fit 4 Future -- Effect of different Looting Systems on the behavior of players in a MMOG: simulation with real data 20 Ageing Positively with Digital Games -- Gamification of a System for Real Time Monitoring of Posture -- Towards Stress Detection in Real-Life Scenarios using Wearable Sensors: Normalization Factor to Reduce Variability in Stress Physiology -- Personalized characterization of sustained attention/vigilance in healthy children -- Increasing Quality of Life Awareness with Life-logging -- SPW-1: A Low-Maintenance Wearable Activity Tracker for Residential Monitoring and Healthcare Applications -- Inertial Sensor Based Modelling of Human Activity Classes: Feature Extraction and Multi-sensor Data Fusion using Machine Learning Algorithms -- Questioning the Reflection Paradigm for Diabetes Mobile Apps -- Questioning classic patient classification techniques in gait rehabilitation: insights from wearable haptic technology -- Stress detection using smart phone data -- SenseCare: Using Affective Computing to Manage and Care for the Emotional Wellbeing of Older People -- PPMH 2016 -- CardioFit: Affordable Cardiac Healthcare Analytics for Clinical Utility Enhancement -- Design fictions: a tool for debating societal, legal and ethical aspects of personal and pervasive health systems -- M3Apps + AALIoT 2016 -- Perceptual Quality of Reconstructed Medical Images on Projection-based Light Field Displays -- A survey on multimedia Quality of Experience assessment approaches in mobile healthcare scenarios -- Monitoring and Evaluation of Fetal Heart Rate via iPhone.

Sommario/riassunto

This book constitutes the proceedings of the International Summit on Electronic Healthcare, eHealth 360°, held in Budapest, Hungary, in June 2016. The 55 revised full papers presented along with 9 short papers were carefully reviewed and selected from 81 submissions. The papers represent the latest results from the co-located conferences as the track on games for wellbeing, the track on wearables in healthcare, the track on personal, pervasive and mobile health, the track on IoT and big data technologies for healthcare, the track on mobile medical multimedia technologies, applications and services and the track on ambient assisted living technologies based on IoT.
