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	Nota di contenuto	Using Evolutionary Algorithms to Personalize Controllers in Ambient Intelligence -- Automatic Early Risk Detection of Possible Medical Conditions for Usage within an AMI-system -- Reducing stress and Fuel Consumption Providing Road Information -- Policy-based Adaptation of Context Provisioning in AmI -- An Adaptive Particle Filter for Indoor Robot Localization -- A Discomfort-sensitive Chair for Pointing out Mental Fatigue -- Development of a High Mobility Assistant Personal Robot for Home Operation -- Using ICT for Tacit Knowledge Preservation in Old Age -- Step Count and Classification Using Sensor Information Fusion -- ECG Signal Prediction for Destructive Motion Artefacts -- A Sentiment Analysis Classification Approach to Assess the Emotional Content of Photographs -- Opportunistic Sensoring Using Mobiles for Tracking Users in Ambient Intelligence -- Mobile Crowd Sensing for Solidarity Campaigns -- 3D Reconstruction of Bone Structures Based on Planar Radiography -- Context-Aware Well-Being in Intelligent Environments -- An Overview of the Quality of Service in Bluetooth Communications in Healthcare --

Computer Vision Based Indoor Navigation: a Visual Markers Evaluation -- A Framework for the Secure Storage Of Data Generated in the IoT -- Multi-agent Systems for Classification of E-nose Data -- Using Machine Learning Techniques for the Automatic Detection Of Arterial Wall Layers in Carotid Ultrasounds.-eServices - Service Platform for Pervasive Elderly Care -- A Sensor-based Framework to Support Clinicians in Dementia Assessment: The Results of a Pilot Study -- Unified Fingerprinting/Ranging Localization for e-Healthcare Systems -- My Kinect is Looking At Me - Application to Rehabilitation.

Sommario/riassunto	This volume contains the proceedings of the 6th International Symposium on Ambient Intelligence (ISAmI 2015), held in Salamanca, Spain on June 3th-5th at the University of Salamanca. After a careful review, 27 papers from 10 different countries were selected to be presented in ISAmI 2015 at the conference and published in the proceedings. ISAmI has been running annually and aiming to bring together researchers from various disciplines that constitute the scientific field of Ambient Intelligence to present and discuss the latest results, new ideas, projects and lessons learned, namely in terms of software and applications, and aims to bring together researchers from various disciplines that are interested in all aspects of this area. Ambient Intelligence is a recent paradigm emerging from Artificial Intelligence, where computers are used as proactive tools assisting people with their day-to-day activities, making everyone's life more comfortable. Another main concern of AmI originates from the human computer interaction domain and focuses on offering ways to interact with systems in a more natural way by means user friendly interfaces. This field is evolving quickly as can be witnessed by the emerging natural language and gesture based types of interaction.