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Nota di contenuto	Title Page; Foreword; Contents; Ambient Assisted Living in the Health Space; AAL in the Health Space - A Reflection; Electronic-Early Warning Scorecard: An Intelligent Context Aware Decision Making Approach for Patient Monitoring; Using Human Factors to Guide the Design and Implementation of Consumer Health Informatics Interventions; The National Health Service in England - Moving to Mainstream Use of Ambient Assisted Living Technology; Telehealthcare Development & Effectiveness in Taiwan; Study on Future Trend of the Elderly Care from the Aspect of Assistive Technology Rental System in Japan In-Home Monitoring Technologies: Perspectives and Priorities of Older Adults Devices and Infrastructure to Facilitate Ambient Assisted Living; Devices and Infrastructure to Facilitate AAL; Biometrics in Healthcare -

A Research Overview; Face Recognition in Ambient Intelligence Applications; Biometric Monitoring of Behaviour; Medical Information Management with ECG Biometrics: A Secure and Effective Framework; Happy Healthy Home; Adaptive Neck Support for Wellbeing During Air Travel; Gait Profile - A Biometric that Defines Our Mobility; Ambient Assisted Living in Gerontology
Gerontological Perspectives on Ambient Assisted Living
Monitoring Patterns of Inactivity in the Home with Domotics Networks; The Role of Assistive Technology in Supporting Formal Carers; Ambient Assisted Living Technology to Support Older Adults with Dementia with Activities of Daily Living: Key Concepts and the State of the Art; Tracking Natural Human Movements Identifies Differences in Cognition and Health; AAL Markets - Knowing Them, Reaching Them. Evidence from European Research; Delivering Technology Enriched Health and Social Care: Policy Context for User Focused Research
Smart Homes as a Vehicle for Ambient Assisted Living
Smart Homes as a Vehicle for AAL; Designing Ambient and Personalised Displays to Encourage Healthier Lifestyles; Supporting Wellbeing Through Improving Interactions and Understanding in Self-Monitoring Systems; Sensor Selection to Support Practical Use of Health-Monitoring Smart Environments; Utilization of Cloud Infrastructures for Pervasive Healthcare Applications; Smart Living Environment: Ubiquitous Computing Approach Based on TRON Architecture; Applications of Ambient Assisted Living in Rehabilitation
Introduction to Section on AAL for Rehabilitation
ICT Infrastructures for Telerehabilitation; AAL in Cardiac Rehabilitation; Smart Home Technologies for People with Cognitive Impairment: An Affordable, Rehabilitative Approach; AAL Technologies in Rehabilitation - Lessons Learned from a COPD Case Study; Assisted Ambient Living Applied to Remote Motor Rehabilitation; Home-Based Computer Vision Access Technologies for Individuals with Severe Motor Impairments; Ambient Assisted Living Initiatives; Preparation and Start-Up Phase of the European AAL Joint Programme
The universal AAL Reference Model for AAL

Sommario/riassunto

The world's population is aging dramatically and in most countries the cost of care is rising rapidly. We need a system which helps to minimize the onset of chronic conditions which are costly to treat and diminish quality of life, rather than one primarily directed towards the care of the sick. Innovative use of new technologies may be the only way to provide care affordably in future and to scale that care to far greater numbers as our societies adapt to change. Ambient Assisted Living (AAL) can provide a solution. More integration between the health system and life at home and work will be
