

# Preface

Aging demographics and declining health in older adults are predicted to put unaffordable pressures on care systems. Innovation is therefore required in order to cope with these societal challenges.

The aim of ambient assisted living (AAL), through the use of intelligent products and the provision of remote care services, is to extend the time in which older people can live in their home environment by increasing their autonomy and assisting them in carrying out activities of daily living. These solutions include innovative concepts to ensure person-centered care. They consider the growing importance of both formal and informal caregivers across public and private sectors and seek to deliver sustainable care services and to maximize the opportunity for technologies to support care.

This volume presents cutting-edge research in the development and testing of AAL solutions to support older adults to live independently for longer. The contributions have been curated from submissions to IWAAL 2015, the 7th International Work-conference on Ambient Assisted Living, which was held December 1–4, in Puerto Varas, Patagonia, Chile.

This specialized conference, now in its seventh year, focuses specifically on the opportunities to utilize ICT to improve quality of life and support autonomy. IWAAL approaches this problem from a technology, human, and business perspective, therefore covering a range of important topics including: self-management/self-care, health monitoring, context awareness, personalization, social integration, knowledge management, integration and interoperability, exploitation strategies, and commercialization. This volume includes 28 articles from internationally recognized researchers from 15 countries. Following the review process we had an acceptance rate of 77 % for long papers. A total of 100 reviews were undertaken to reach these decisions. We would like to thank all the authors who submitted their work for consideration and also the reviewers who provided detailed and constructive reviews, all in a timely manner.

Finally, we would like to express our sincere gratitude to our colleagues for their hard work in the organization of this event, particularly Sergio Ochoa from the University of Chile and Jose Bravo from Castilla-La Mancha University. We would also like to thank all the members of the Program Committee for their time and contributions.

December 2015

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Ambient Assisted Living. ICT-based Solutions in Real Life Situations

7th International Work-Conference, IWAAL 2015, Puerto Varas, Chile, December 1-4, 2015, Proceedings

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2015, XIV, 302 p. 117 illus. in color., Softcover

ISBN: 978-3-319-26409-7