Technology has great potential to assist seniors and others with special needs in better managing their health, maintaining active and productive lives, enabling independent living, reducing risk, and compensating for cognitive and physical decline.

*Intelligent Technologies for Bridging the Grey Digital Divide* offers high-quality research with both industry- and practice-related articles in the broad area of intelligent technologies for seniors. The main focus of the book is to provide insights into current innovation, issues to be resolved, and approaches for widespread adoption so that seniors, their families, and their caregivers are able to enjoy their promised benefits.

**Topics Covered:**

- Attitudes of Seniors to Technology
- Benefits – Clinical, Social, and Economic
- Disease Management and Coordinated Care
- Education, Training, and Awareness
- Legal Issues and Regulatory Compliance
- Payment Systems, Funding, and Business Models
- Smart Homes and Buildings
- Technologies for Residential Aged Care
- Telecare and Telehealth
- Ubiquitous and Pervasive Technology
- Wearable Technologies
- Workforce Productivity Tools

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Ubiquitous Computing for Independent Living  
Bergmann Neil W. (University of Queensland, Australia)

Chapter 2  
Ageing, Chronic Disease, Technology, and Smart Homes:  
Soar Jeffrey (University of Southern Queensland, Australia)

Chapter 3  
A User-Driven Approach to Developing Ambient Assisted Living Systems for Older People:  
Sixsmith Andrew (Simon Fraser University, Canada)  
Mueller Sonja (empirica Gesellschaft fur Kommunikations und Technologieforschung, Germany)  
Klein Michael (CAS Software AG, Germany)  
Bierhoff Ilse (Smart Homes, The Netherlands)  
Delaney Sarah (Work Research Centre, Ireland)  
Byrne Paula (University of Liverpool, UK)  
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Huijnen Claire (Smart Homes, The Netherlands)

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Alexanderson Jan (DFKI GmbH, Germany)  
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Hatherly Christopher G. (The Australian National University, Australia)

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