

Table of Contents

Audio Guided Driving for People with Blindness with Seated Self-balancing Personal Transporters <i>Andreas Hub and Jutta Cook</i>	1
Haptic Guided Driving with Seated Self-balancing Personal Transporters for People with Deafblindness <i>Andreas Hub and Jutta Cook</i>	5
Trusted Mobile Zone Solution Based on Virtualization Technology <i>GeonLyang Kim and JeongNyeo Kim</i>	10
Utility of a Mobile Route Planning App for People Aging with Disability <i>Jon A. Sanford, Subhrajit Guhathakurta, Sarah Melgen, and Ge Zhang</i>	12
A Qualitative Approach to Understanding User Needs for Aging with Disability <i>Elena T. Remillard, Tracy L. Mitzner, Jenny L. Singleton, and Wendy A. Rogers</i>	18
Design Criteria to Advance Technologies for the Aging Population <i>Claudia Rebola</i>	23
Universally Designed mHealth App for Individuals Aging with Multiple Sclerosis <i>Ljilja Ruzic, Harshal P. Mahajan, and Jon A. Sanford</i>	29
Effects of Advanced Driver Assistance System for Elderly's Safe Transportation <i>Ryosuke Ando, Yasuhiro Mimura, Yasuhide Nishihori, and Jia Yang</i>	36
The Role of the Internet and Technology in the Wellbeing of People with Physical Disabilities <i>Alexandra Young, Tom Dening, and Chris Greenhalgh</i>	42
TELEPROM-G: A Study Evaluating Access and Care Delivery of Telehealth Services among Community-Based Seniors with Depressive Symptoms <i>Cheryl Forchuk, Akshya Vasudev, Amer Burhan, Puneet Seth, and Tony O'Regan</i>	45
SAMIoT – Middleware based on IoT for Irrigation Planning on Large-scale Crops <i>Hugo Ordonez, Jose Luis Rivas, Juliana Sanchez, Javier Carbonell, Edgar HIncapie, and Armando Ordonez</i>	51
Experimental Study on Riding Skill for Using Standing Type Vehicles <i>Naohisa Hashimoto, Jyeon Kim, Kohji Tomita, Simon Thompson, Yusuke Takinami, and Osamu Matsumoto</i>	60
Towards Smart Public Transport Data <i>Paloma Caceres Garcia de Marina, Almudena Sierra Alonso, Belen Vela Sanchez, Jose Maria Cavero Barca, and Carlos Enrique Cuesta Quintero</i>	66

