The First IEEE International Workshop on PervAsive Technologies and care systems for sustainable Aging-in-place, 2016 - Program

Keynote

Morning Coffee

S1: Session 1

S1.1 Elderly Medication Adherence Monitoring with the Internet of Things
Xiaoping Toh and Hwee-Xian Tan (Singapore Management University & SMU-TCS iCity Lab, Singapore); Huiguang Liang (Institute of High Performance Computing, Singapore); Hwee Pink Tan (Singapore Management University & TCS-SMU iCity Lab, Singapore)

S1.2 Twinkle Megane: Near-Eye LED Indicators on Glasses in Tele-Guidance for Elderly
Yukitoshi Kashimoto (Nara Institute of Science and Technology, Japan); Aryan Firouzian and Muhammad zeeshan Asghar (University of Oulu, Finland); Goshiro Yamamoto (Nara Institute of Science and Technology, Japan); Petri Pulli (University of Oulu, Finland)

S1.3 Improving the Sensitivity of Unobtrusive Inactivity Detection in Sensor-Enabled Homes for the Elderly
Alvin C Valera (Singapore Management University & SMU-TCS iCity Lab, Singapore); Hwee Pink Tan (Singapore Management University & TCS-SMU iCity Lab, Singapore); Liming Bai (SMU-TCS iCity Lab, Singapore)

Lunch

S2: Session 2

S2.1 Smartphone-based Floor Detection in Unstructured and Structured Environments
Jorge Adorno, Yueng Delahoz and Miguel Labrador (University of South Florida, USA)

S2.2 PESTO: Data Integration for Visualization and Device Control in the SmartCare Project
Nicholas Burns (University of Texas at Arlington, USA); Peter Sassaman (The University of Texas at Arlington, USA); Manfred Huber (University of Texas at Arlington, USA); Kathryn Daniel (The University of Texas at Arlington, USA); Gergely Zaruba (University of Texas at Arlington, USA)

S2.3 Value-Inspired Service Design in Elderly Home-Monitoring Systems
Na Liu (University of Sydney, Australia); Sandeep Purao (Bentley University, USA); Hwee Pink Tan (Singapore Management University & TCS-SMU iCity Lab, Singapore)
S2.4 Analysis of Long-term Abnormal Behaviors for Early Detection of Cognitive Decline
Daniele Riboni (University of Cagliari, Italy); Gabriele Civitarese and Claudio Bettini (University of Milan, Italy)

S2.5 Beacon-Based Multi-Person Activity Monitoring System for Day Care Center
Kiyoaki Komai and Manato Fujimoto (Nara Institute of Science and Technology, Japan); Yutaka Arakawa (Nara Institute of Science and Technology & NAIST, Japan); Suwa Hirohiko, Yukitoshi Kashimoto and Keiichi Yasumoto (Nara Institute of Science and Technology, Japan)

Afternoon Tea