

ICSR 2014-10-01 SOCIAL ROBOTS & HEALTH WORKSHOP
27TH OCTOBER, 09:00 – 16:45
POWERHOUSE MUSEUM, SYDNEY

Sessions (15 mins + 5 mins Q&A)

09:00 WELCOME –Wendy Moyle, Griffith University, Workshop Co-Chair

09:15 – 10:35 ROBOT DESIGN – Ensuring the product fits the purpose

1. Keith Jones, Mohan Sridharan, Barbara Cherry. The University of Auckland, NZ *Analysing elder carer to guide the design of caregiver robots.*
2. Lie S, Ranasinghe R, Dantanarayana L, Dissanayake G & Liu D. University of Technology, Sydney. *Cooperative design approach to the design, development and implementation of an Assistive Robotics device for use in aged care practice.*
3. Martin Franke. Technische Universität, Dresden *Preventative monitoring of daily routines in ubiquitous systems*
4. John-John Cabibihan, Qatar University. *Human touch or not? An illusion of lifelike touch from artificial hands.*

10.35-11:00 Morning Tea Break

10.50- 11.30 OVERCOMING THE BARRIERS - Research Design And Methods

1. Wendy Moyle, Cindy Jones, Siobhan O’Dwyer, Billy Sung. Griffith University, Brisbane. *The world of social robots and dementia: Breaking down the barriers*
2. Elizabeth Broadbent, Ho Seok Ahn, & Bruce MacDonald. The University of Auckland, NZ, *Challenges and solutions of conducting real world healthcare robot trials*

11.30 – 12:15 DISCUSSION - lessons learnt from morning’s sessions –Facilitated By Bruce Macdonald, The University of Auckland, NZ

12:30 – 13:30 Lunch Break – (Purchase own lunch)

13:30 - 14:50 MEASURING PEOPLES’ ACTIVITIES/Responses To Robots/Technology

1. Ryad Chellali, Pavis Dept, Istituto Italiano di Tecnologia, *Multivariate Time Series Analysis for Human Activity Recognition in the Wild*

2. Cindy Jones & Billy Sung, Wendy Moyle, Griffith University, Brisbane. *Innovative and inventive but is it feasible? Using video analysis to examine the feasibility of telepresence technology for people with dementia*
3. Shashivadan P Hirani, Lorna Rixon, Michelle Beynon, Martin Cartwright & Stanton P Newman, City University, London. *Technology acceptability beliefs in a world of assistive devices*
4. Michelle Kelly. University of Technology, Sydney. *The robotic patient – merging technology within the social context of healthcare practice*

15:00- 15: 15 Afternoon Tea Break

15.15 – 15: 55 COMPANION ROBOTS – Reviewing the evidence for their use

1. Takanori Shibata. National Institute of Advanced Industrial Science and Technology (AIST), Japan. *Neurological therapy with seal robot PARO*
2. Barbara Klein, Thomas Kaspar, Kordula Zöllner, Monika Knopf, Frank Oswald, Johannes Pantel, Frankfurt University of Applied Sciences, *Emotional robots- experiences with patients with unresponsive wakeful syndrome*

15:55 – 16.45 DISCUSSION – The way forward – connections and opportunities. Facilitated by Elizabeth Broadbent, Wendy Moyle & Bruce Macdonald, Workshop Co-chairs