Robotics and AI for Health and Social Care

Agenda

Alan Turing Building,
Room G207
University of Manchester
Oxford Road Campus

Monday 28 October 2019

10:00 – 10:15 Registration and refreshments
10:15 – 10:30 Introduction and welcome – Angelo Cangelosi (University of Manchester and The Alan Turing Institute), Heather Draper (University of Manchester) and Chris Todd (University of Manchester)

Session 1: Assistive robots | Chair: Angelo Cangelosi

10:30 – 11:00 Robotics for care: Japan experience – Yoshio Matsumoto (AIST)
11:00 – 11:30 Safe physical HRI for assistive robotics – Sanja Dogramadzi (Bristol Robotics Lab)
11:30 – 12:00 Accompany project, reflections using technical, ethical and user acceptability views – Farshid Amirabdollahian (Hertfordshire University)
12:20 – 12:30 Programming robots that care for humans – Alessandro Di Nuovo (Sheffield Robotics)
12:30 – 14:00 Lunch, not provided

Session 2: Ethics and the law | Chair: Heather Draper

14:00 – 14:30 Imaging robot care – Amelia DeFalco (University of Leeds)
14:30 – 15:00 Ethics, robotics and technology – Heather Draper (Warwick University).
15:00 – 15:30 Social care robots and the issue of legal personhood – Érica Palmerini (Scuola Superiore Sant'Anna Pisa)
15:30 – 16:00 Refreshment break
Session 3: Assistive technologies  | Chair: Chris Todd
16:00 – 16:30  Socially and physically assistive robots to support independent living – Praminda Caleb-Solly (Bristol Robotics Lab)
16:30 – 17:00  MoveCare project – Alberto Borghese (University of Milan)
17:00 – 17:30  Are robots ready to assist us in everyday life? – Luc de Witte (CATCH)
17:30 – 17:45  Day 1 summary

Tuesday 29 October 2019
08:45 – 09:00  Registration

Session 4: Assistive robots and technologies | Chair: Yoshio Matsumoto
09:00 – 09:30  Developing care robotics in Cornwall – Ray Jones (University of Plymouth)
09:30 – 10:00  Salford projects – Samia Nefti-Meziani (University of Salford)
10:00 – 10:30  AI and Robot-systems adjusting to humans: The power of cognitive load – Katrin Lohan (Edinburgh Robotics Centre)
10:30 – 11:00  Industry-Academia collaboration in robotics research – Bill Huang (CloudMinds)
11:00 – 11:30  Refreshment break

Session 5: Breakout groups
11:30 – 12:30  Parallel group meetings, G.207, G.107 and G.113
12:30 – 13:30  Lunch, provided
13:30 – 15:00  Breakout group reports and discussion
15:00 – 16:00  Collaboration planning
16:00 – 16:15  Closing remarks
16:15  Event close