

## Robotics and AI for Health and Social Care

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### 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** – Erica 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