

Robots supporting personal independence and rehabilitation – potentials and possibilities

Time	Contributions
Session 1: Arrival and introduction	
09:30 –10:00	Arrival, Registration and tea/coffee
10:00 –10:10	Welcome to the Hertfordshire Adaptive Systems research group <i>Professor Dautenhahn and Dr Amirabdollahian, University of Hertfordshire</i>
	Morning Chair, <i>Professor Dautenhahn, University of Hertfordshire</i>
10:10-10:25	Robots– current state of the art and future possibilities (from pre-programmed to adaptive) <i>Speaker: Dr Amirabdollahian, University of Hertfordshire</i>
Session 2: Robots for rehabilitation - can robots enhance service delivery	
10:25-10:45	Robotics for use in rehabilitation, personal assistance and functional assessment <i>Speaker: Professor Harwin, University of Reading</i>
10:45-11:05	How rehabilitation robotics might be adopted in practice <i>Speaker: Professor Bhakta, University of Leeds</i>
11:05-11:25	Questions and discussion
11:25-11:45	Tea/coffee
Session 3: Robots and older people – opportunity or no-go?	
11:45-12:05	How can we ensure that robots will be acceptable to older people? <i>Speaker: Dr Loureiro, University of Reading</i>
12:05-12:20	What do users really, really want? <i>Speaker: Dr Playford, University College London</i>
12:20-12:50	Questions and discussion Followed by briefing for a lunch time task: Having your say!
12:50-13:50	Lunch break
Session 4: computational model for human motor control, and how robots have helped to refine our understanding	
13:50-13:55	Introduction to the Afternoon, Chair, <i>Dr Amirabdollahian, University of Hertfordshire</i>
13:55-14:05	What is KT-EQUAL? <i>Speaker: Professor Lansley</i>
14:05-14:25	Complex nature of human motor control <i>Speaker: Professor Wing , University of Birmingham</i>
14:25-14:45	Neuroscience and its use for neurorehabilitation <i>Speaker: Dr Burdet , Imperial College London</i>
14:45-15:00	Questions and discussion
15:00-15:15	Tea/Coffee
Session 5: Robotics technology for children – playing, learning and assisting	
15:15-15:35	User perspective on robotics for assistance and rehabilitation for children <i>Speaker: Professor Dautenhahn, University of Hertfordshire</i>
15:35-15:45	Questions and discussion
Session 6: Future challenges	
15:45-16:15	Feedback from lunch time task: Having your say! Further Discussions Conclusion by the chair
16:15	End of day and Departure

Further information:

<http://www.sparc.ac.uk/workshops/2009-11-24-robots-for-rehabilitation/programme.asp>