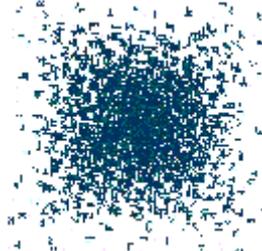


Workshop, 6th March, 13:30

Social Robots and Social Pedagogical Approaches

Bringing together international experts, who all have worked on the effects of social robotics with different client groups, this workshop will provide its participants with a deeper understanding of the effects of emotional and social robotics.



**Fachhochschule
Frankfurt am Main**



This workshop seeks to raise awareness of the fact that research in the development of appropriate pedagogical and other social methods is urgently required alongside technological research and development.

The objective is to bring together international experts who all have worked on the effects of social robotics with different client groups, utilizing different methods and also different artifacts of social robotics.

Social robots covered are the therapeutic seal PARO, the toy robot PLEO, the therapeutic tool KASPAR, the telepresence robot GIRAFF, and the personal assistance robot KOMPAL.



KOMPAL



PARO



GIRAFF



PLEO



KASPAR

Issues analysed are:

- What social pedagogical interventions were applied?
- What are theoretical frameworks of these approaches?
- Research design of the studies
- Results: What kinds of effects were measured?
- What can we learn?
- Do we need different research approaches in order to understand the effects of social robotics?
- Chances, risks and ethical issues

What are the lessons learnt from different research approaches?

Agenda

Moderator: Barbara Klein

13:30 – 13:35	Welcome, Barbara Klein
13:35 – 13:50	Effects of PARO on people with dementia. Lessons learnt from a RCT in Australia Wendy Moyle
13:50 – 14:05	Effects of PARO on people with dementia. Lessons learnt from a trial in the Netherlands Gert Jan Gelderblom
14:05 – 14:20	Promoting social interaction through PARO intervention in a UK care home Glenda Cook
14:20 – 14:35	200 PARO's in Denmark: what do we know about the effect? Lone Gaedt
14:35 – 14:50	Squeeze me . . . robot companions in German care homes Annette Wagner
14:50 – 15:05	Usability and acceptance of a companion robot in older adults Anne-Sophie Rigaud
15:05 – 15:20	Telepresence robot GIRAFF –Experiences with older adults from ExCITE Stephen Von Rump
15:20 – 15:35	Case studies in robot-assisted play with children with autism and the humanoid robot KASPAR Ben Robins
15:35 – 16:00	Panel Discussion
16:00 – 16:30	Coffee Break
16:30 – 19:30	Annual meeting for Danish Paro-users, presenting Paro-experiences (in Danish language, English translation for invited guests)

Speakers

- Prof. Dr. Glenda Cook, School of Health, Community and Education Studies, Northumbria University, Newcastle upon Tyne, UK, qualitative study using PARO with residents in a care home
- Lone Gaedt, Denmark. Physiotherapist, M.Ed., senior consultant, Center for Robot Technology, DTI, collecting stories and questionnaire, using PARO with residents in care homes

- Dr. Gert Jan Gelderblom, Zuyd University, Research Centre for Technology in Care, Heerlen, the Netherlands
- Prof. Dr. Barbara Klein, Fachhochschule Frankfurt am Main – University of Applied Sciences, Faculty Social Work and Health, Frankfurt, Germany, teaching research projects using PARO, PLEO and GIRAFF with different client groups
- Prof. Dr. Wendy Moyle, Director, Research Centre for Clinical and Community Practice Innovation (RCCCPI) , Griffith Health Institute, School of Nursing and Midwifery, Griffith University Australia, RCT using PARO with people with dementia
- Prof. Dr. Anne-Sophie Rigaud, Hopital Broca, Paris, France, qualitative studies using KOMPAL with people with dementia
- Dr. Ben Robins, School of Computer Science at University of Hertfordshire, UK, qualitative studies using KASPAR with children with autism
- Stephen Von Rump, CEO GIRAFF Technologies AB, Västerås, Sweden, qualitative studies using GIRAFF with elderly
- Annette Wagner, Germany, filmmaker „Squeeze me” – a documentary on PARO in a German care home and other robots

Key topics

- Social methods in robotics

Workshop category

- Lectures

Organizers

- Prof. Dr. Barbara Klein, Fachhochschule Frankfurt am Main - University of Applied Sciences (bklein@fb4.fh-frankfurt.de)
- Lone Gaedt, Danish Institute for Technology (lgt@teknologisk.dk)

Planned follow-up

Following is planned:

- discuss further collaboration
- discuss and plan a joint publication

Further information

http://en.wikipedia.org/wiki/Paro_%28robot%29

<http://www.dti.dk/services/23617,2>

<http://www.dti.dk/services/26034>

<http://www.squeezeme.de/>



The European Robotics Forum, organized by the European robotic networks EURON, EUROP, the euRobotics Coordination Action and hosted by The Danish Technological Institute, is in the field of robotics the meeting point for engineers, scientists and business people from all over Europe. The event will take place from 5-7 March 2012 in Odense, Denmark. More than 300 robotics researchers from industry and academia, as well as entrepreneurs and public investors, are expected to discuss the latest developments, research challenges and business opportunities for European robotics.

This year's theme of the European Robotics Forum is "European Robotics towards new horizons".

For more information, registration for the forum, and to become a exhibitor, please visit the official European Robotics Forum 2012 website at <http://europeanrobotics12.eu/>