The international Symposium brings clinicians and scientists together to share their reasoning, research results, and insights.

Lessons learnt from brain science approaches, aspects of therapeutic interaction, the role of motivation, the design of social robots, including gender aspects, user model technology, design of communication, digitally monitoring training behaviour, patient preferences and ethical considerations with regard to future technology, as well as clinical experience with systems that have been developed so far are all addressed.
**Wednesday, 18th May 2022**

4.00 pm – 6.00 pm
Registration

6.00 pm
**Public Lecture**
Humanoid robots in rehabilitation therapy — chance and challenge
Thomas Platz (Greifswald)
*Moderation: Karlhans Endlich (Greifswald)*
*afterwards: Evening Reception*

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**Thursday, 19th May 2022**

9.00 am – 11.00 am
**Therapeutic interaction & Robot therapy**
Stephanie Bobe (Greifswald)
Philipp Deutsch (Greifswald)
Carolin Goldmann (Greifswald)
Ann Pedersen (Greifswald)
Thomas Platz (Greifswald)

11.00 am – 11.30 am
**Coffee Break**

11.30 am – 12.30 pm
**Widening the lens: Cognitive and brain science approaches for research on human-robot interactions**
Emily S. Cross (Sydney)

12.30 pm – 2.00 pm
**Lunch break**

2.00 pm – 3.00 pm
**Lessons learned from upper-limb post-stroke rehabilitation with a social robot**
Shelly Levy-Tzedek (Beer Sheva)

3.00 pm – 4.00 pm
**Social Robotics: Designing Machines that Interact with People**
Arvid Kappas (Bremen)

4.00 pm – 4.30 pm
**Coffee Break**

4.30 pm – 5.30 pm
**Motivation**
Alfons Hamm (Greifswald)
Christoph Szeska (Greifswald)

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**Friday, 20th May 2020**

9.00 am – 10.00 am
**User Model Technology**
Peter Forbrig (Rostock)
Alexandru Bundea (Rostock)

10.00 am – 11.00 am
**Towards We-intentional HRI Interactions using Theory of Mind and Hierarchical Task Network**
Maitreyee Maitreyee (Umea)

11.00 am – 11.30 am
**Coffee Break**

11.30 am – 12.30 pm
**Building Feminist Social Robots: What, Why and How**
Katie Winkle (Stockholm)

12.30 pm – 2.00 pm
**Lunch break**

2.00 pm – 3.00 pm
**Are humanoid robots capable of social interactions with humans and can they be held morally responsible?**
Raul Hakli (Helsinki)

3.00 pm – 4.00 pm
**Intuitive and informative Human-Robot Communication**
Serge Autexier (Bremen)

4.00 pm – 4.30 pm
**Coffee Break**

4.30 pm – 5.30 pm
**Monitoring Behaviour / NLG / Model-based robot behaviour**
Thomas Kirste (Rostock)
Sebastian Bader (Rostock)
Timon Felske (Rostock)
Dipendra Yadav (Rostock)

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**Saturday, 21st May 2022**

9.00 am – 10.00 am
**Health Preference Research — Development, Methods and Contributions to Health Care Decision Making**
Peter Zweifel (Zürich)

10.00 am – 11.00 am
**Patient preferences in neurorehabilitation: a consideration of clinical effects and technical features of robotic therapy**
Ann-Kathrin Fischer (Neubrandenburg)
Christin Juhnke (Neubrandenburg)
Axel C. Mühlbacher (Neubrandenburg)

11.00 am – 11.30 am
**Coffee Break**

11.30 am – 12.30 pm
**Efficiency frontier of digital health interventions: A probabilistic model of cost-effectiveness analysis**
Axel C. Mühlbacher (Neubrandenburg)
Andrew Sadler (Neubrandenburg)