

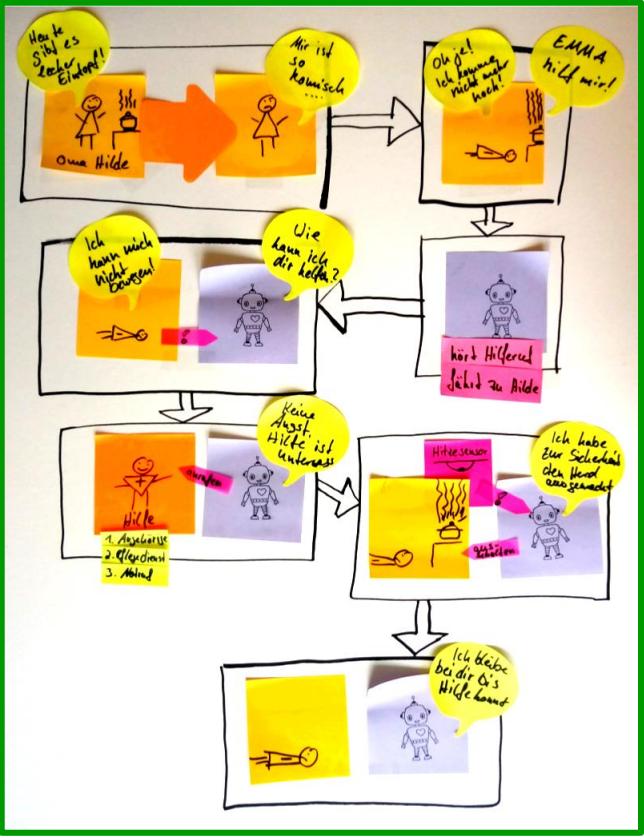
Application-oriented Robotics in Elderly Care: What kind of Robots do we need in the near Future?

Outline

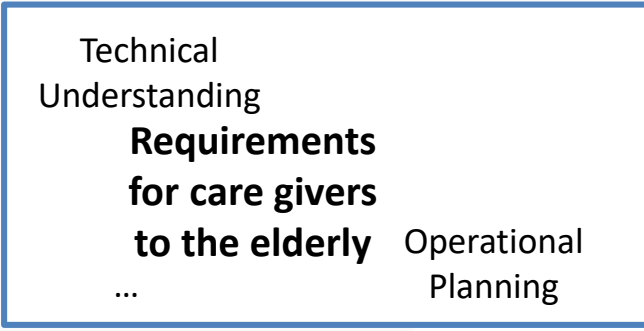
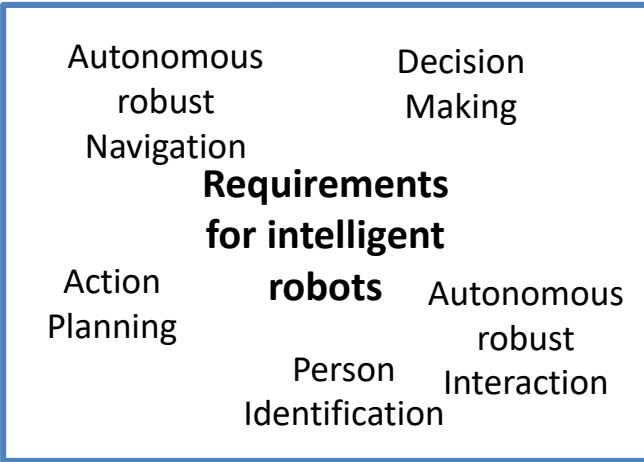
- Our Project in a Nutshell
- Use in Practice: First Results
- Challenges and Future Work

Our Project in a Nutshell

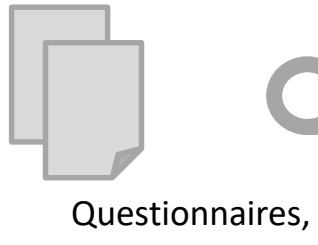
Participatory Design



Deriving Requirements



Prototypical Use in Practice

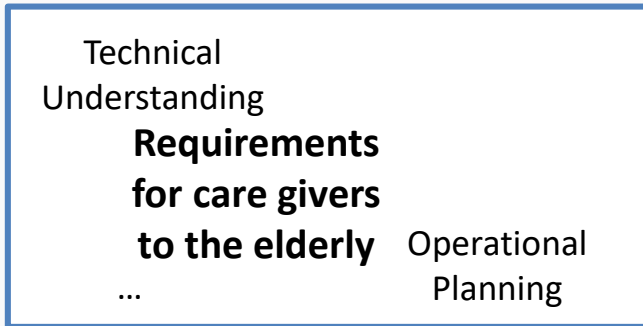
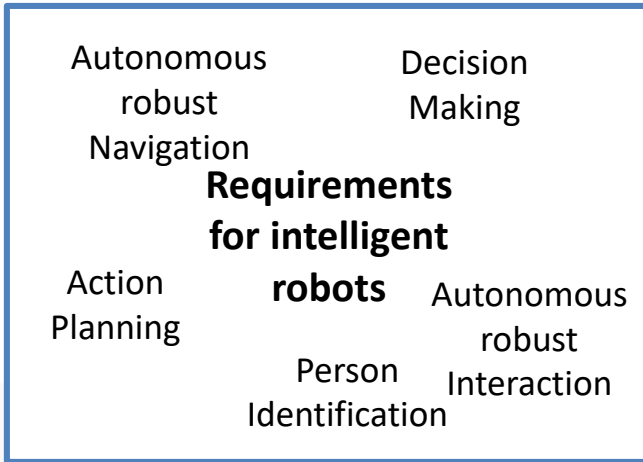


Our Project in a Nutshell

Design

Deriving Requirements

Prototypical Development,
Use in Practice, Evaluation



Challenges and Future Work

- Main challenges:
 - Making Interaction between our robot and care givers easier
 - Defining a proper role for our robot in elderly care
 - Obtaining a more robust interaction and communicatio