

# Human-Robot Interaction at UiO

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**MECS**  
Multimodal Elderly Care Systems

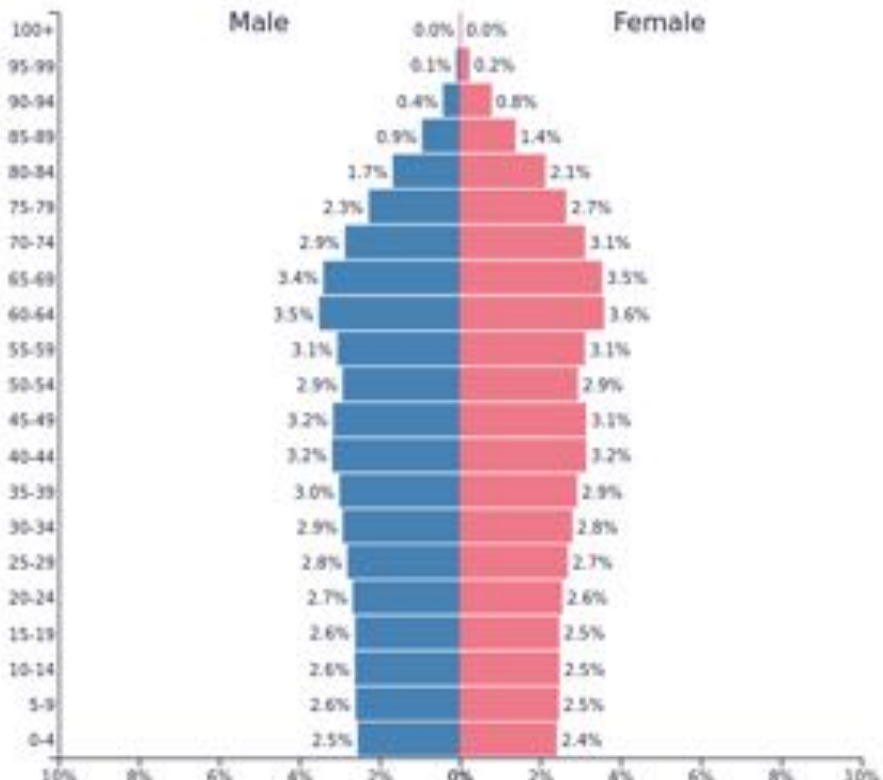


# In the future, we will have more elderly people, and we will need good welfare technology to take care of everyone



**Western Europe - 2015**  
Population: 190,793,632

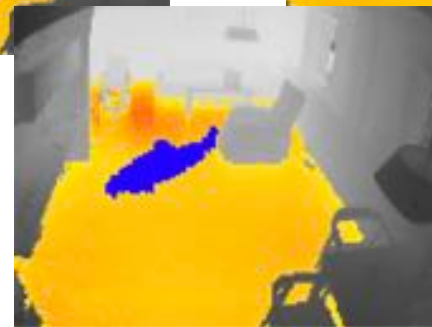
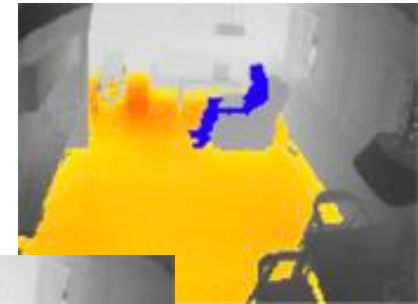
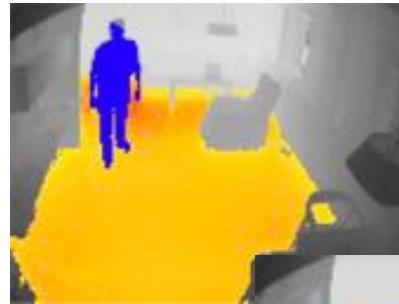
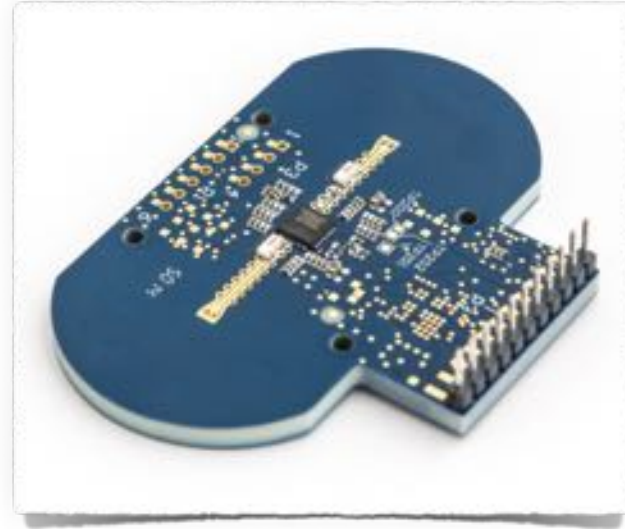
PopulationPyramid.net



**Western Europe - 2030**  
Population: 195,751,360

PopulationPyramid.net

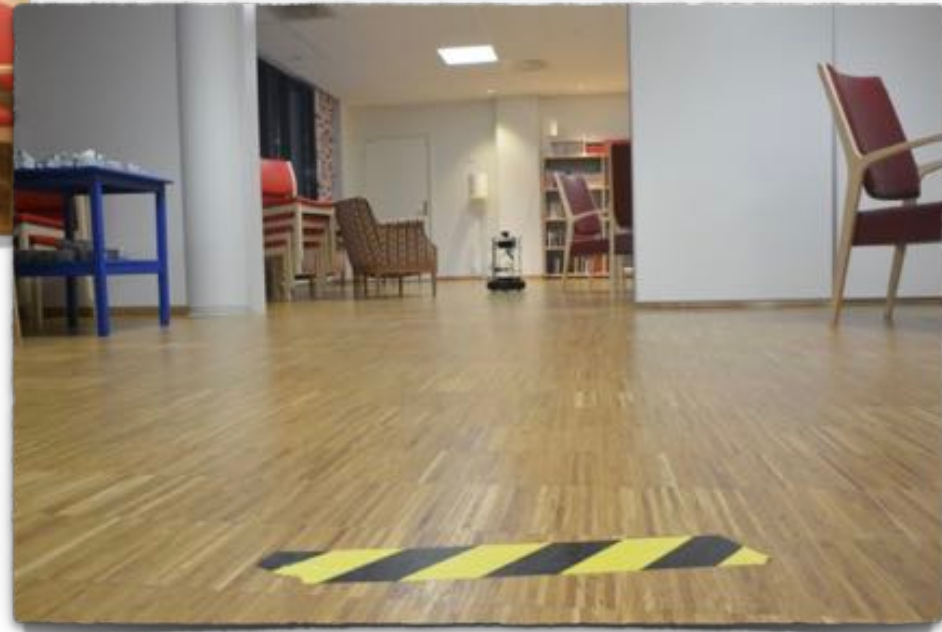
# I am working with the MECS project; its aim is to create a safety-alarm robot



**We are working with the people of Kampen Omsorg+ to figure out what the robot should do**



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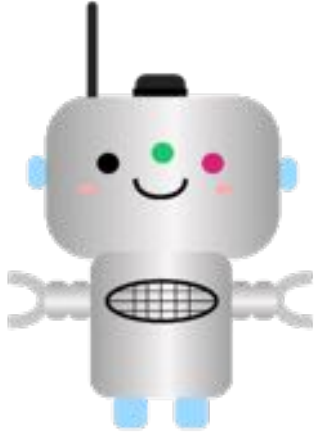
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**My PhD is based on two topics: animating a robot and the privacy issues of a robot at home**





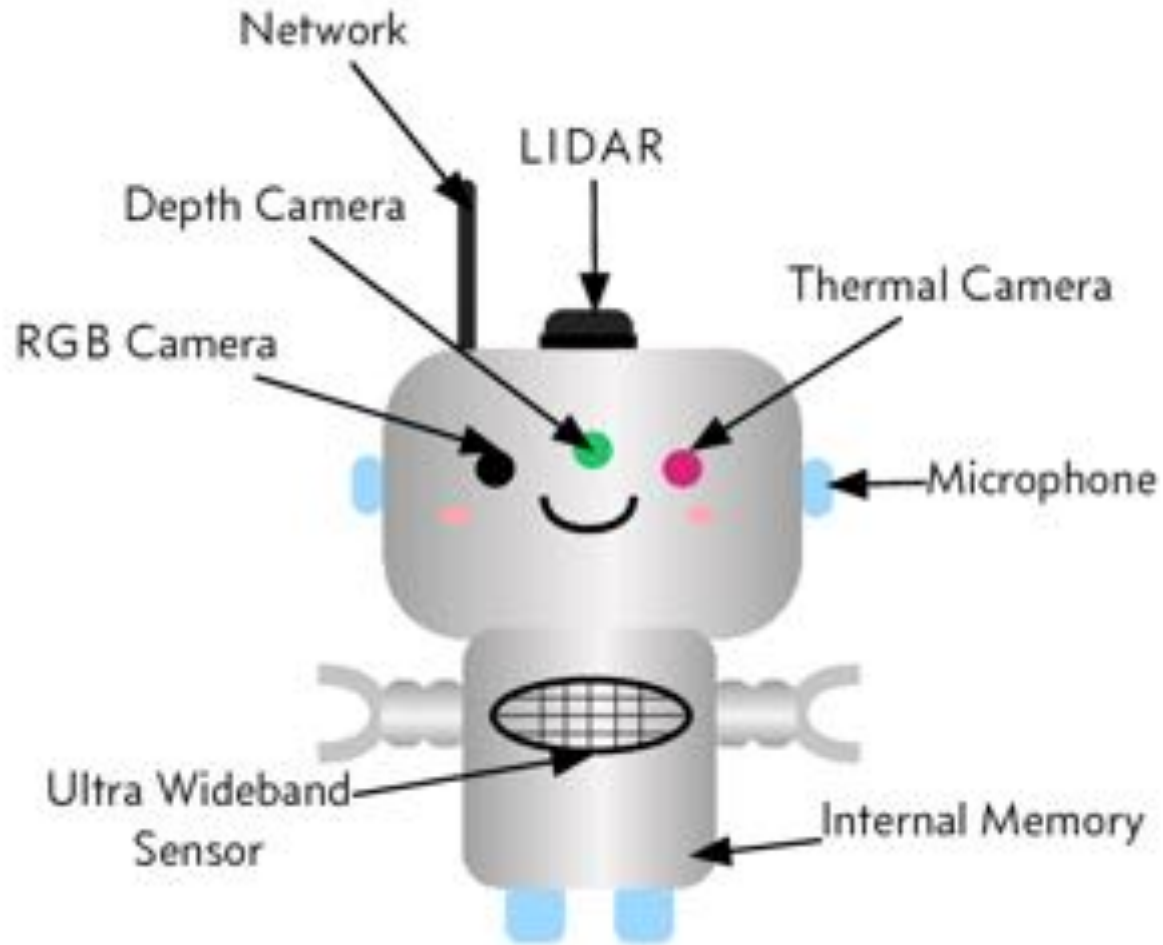
# Constant animation is unfamiliar



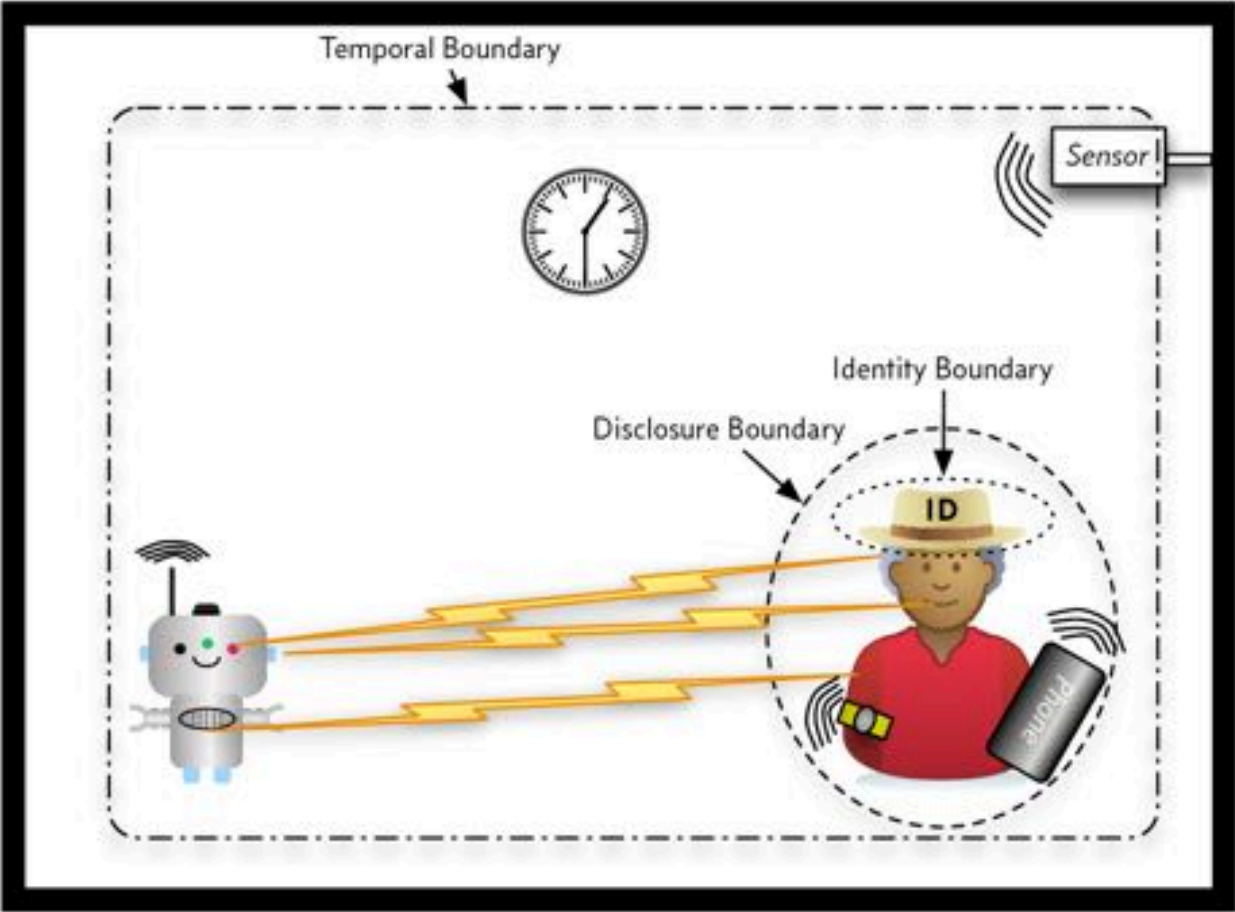
# Speeding up and slowing down is more familiar



# A robot at homes introduces many different sensors



# Classifying privacy in terms of boundaries makes it possible to examine privacy dilemmas



# Movement can help explain what is happening

Vyo: <https://www.youtube.com/watch?v=4RZn15EdMbo>

**How a robot looks is also important**

**Blossom:**

**[https://www.youtube.com/watch?v=okFoKJK\\_N3w&t=1s](https://www.youtube.com/watch?v=okFoKJK_N3w&t=1s)**