



LUND
UNIVERSITY

350

Robots and Artificial Cognition

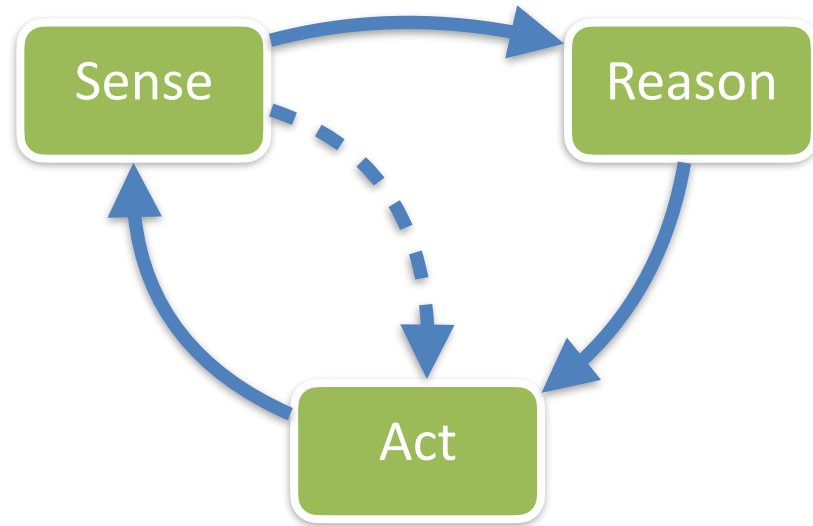
NAC SPRING SCHOOL



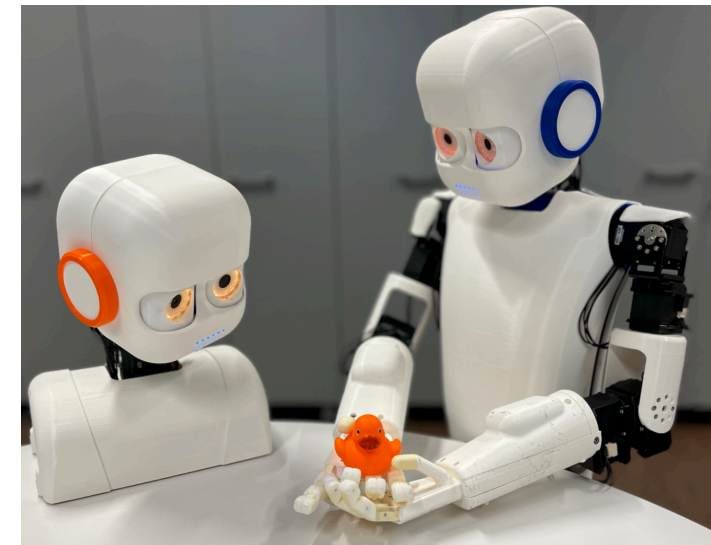
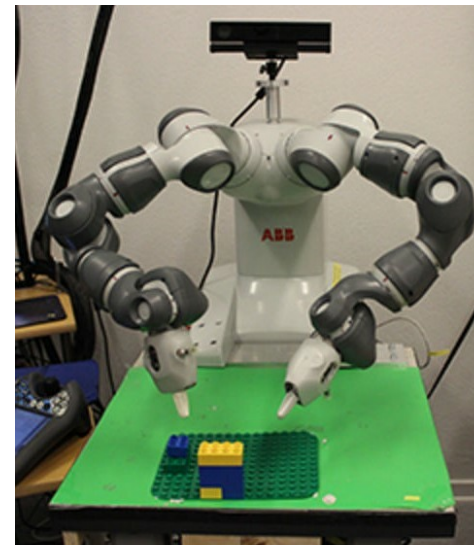
Goal of the Spring School

- To enable the NAC participant to use robots for experiments
- To inspire new approaches by bridging the gaps between disciplines
- To facilitate new experimental possibilities

What Robots can do

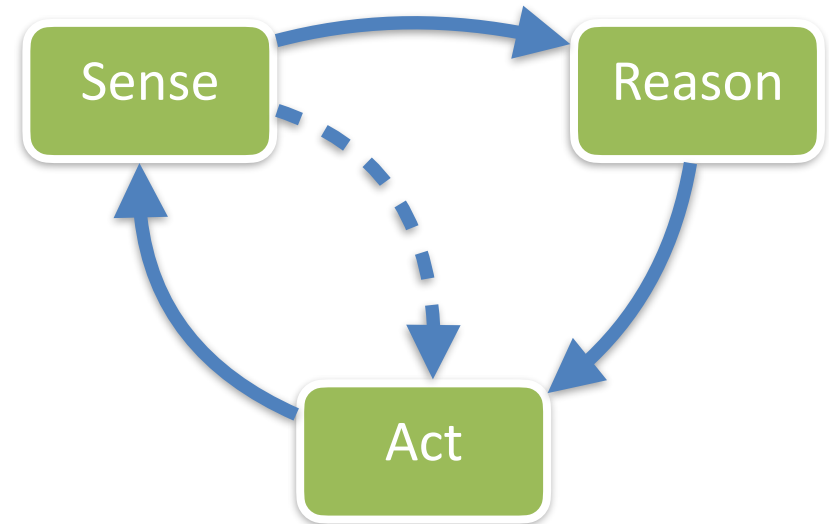


... but they are not yet really good at it



What you can do

- Explore and test your theory in a complete system
- Focus on your relevant aspects
 - rely on the other aspects to work



When

- W15, April 8-10
- location E:A
- Duration:3 days
- With
 - International Guests
 - FIKA for discussions
- Coordinators:
 - Volker Krueger, volker.krueger@css.lth.se
 - Elin Anna Topp
 - Christian Balkenius

Plan and Content (tentative)

- **Day 1**
 - **What can the robots do?**
 - Technical Solutions (Morning)
 - Elin Anna Topp, Volker Krueger
 - Cognitive Solutions (Afternoon)
 - Sara Mahmoud (tentative)
 - Richard Duro
 - Valentina Fantasia
- **Day 2**
 - **How does robot programming work? (Morning)**
 - A gentle introduction to robot programming for NAC members
 - **What robots do we have? (Afternoon)**
 - Visit the Robot labs, see robots in action
- **Day 3**
 - **Robots used in research for cognition (Morning)**
 - Christian Balkenius
 - **Ask NAC members for input, discussions (Afternoon)**



For PhD students

- Plain Springschool with only lectures: 1hp
- Springschool with exercises that get you going on the robots: 5hp
 - Prior knowledge in python programming is required for the RobotLabLTH
 - No prior knowledge is required for the Cognitive Robotics Lab