



Project Overview

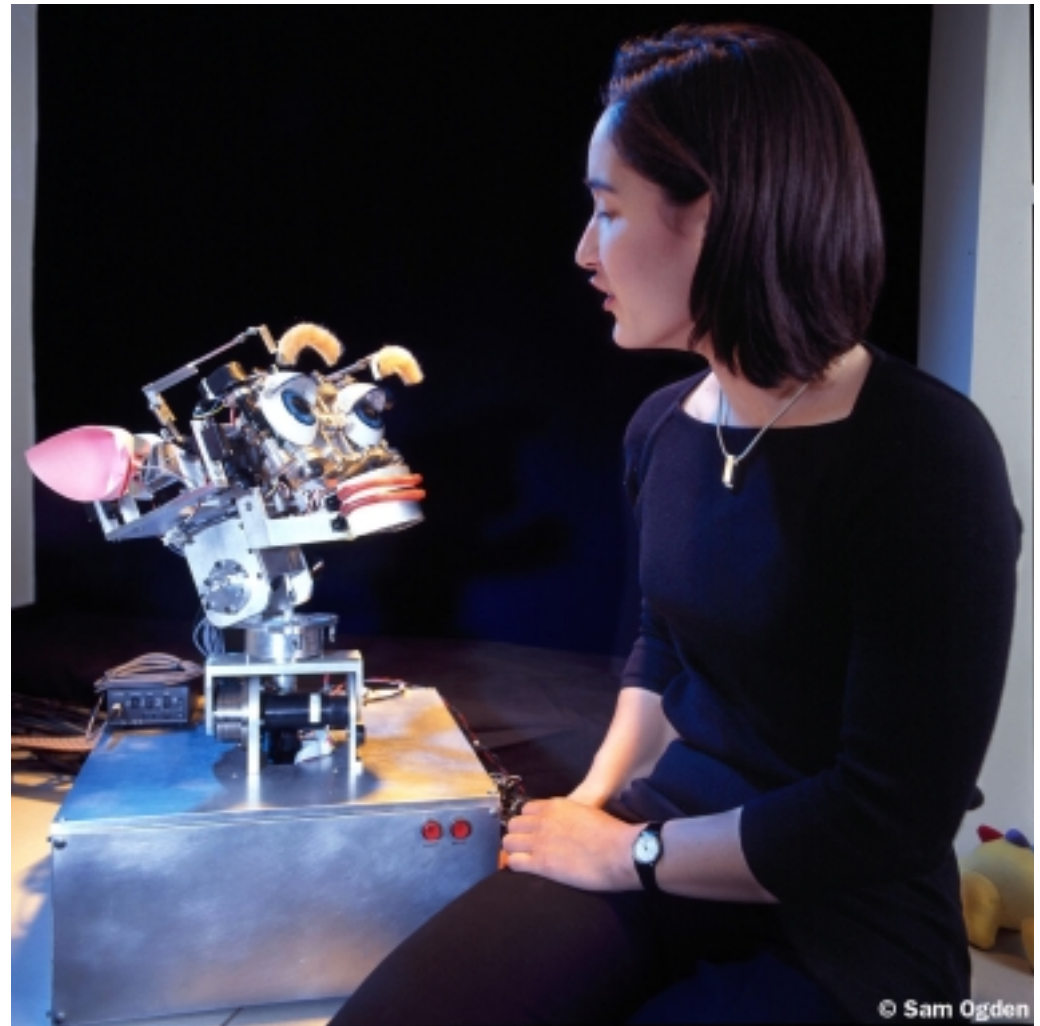
The big question:

Do humans naturally interact with an embodied robot

Does the physical nature ultimately important, or will a person have identical reactions to an equivalently programmed 3-D graphical agent?

MIT's role: provide a physically embodied robot that can enter into dynamic interactions with a person.

NTT's role: measure the physiological response of people interacting with the robot and interacting with a 3-D graphical agent and compare them.



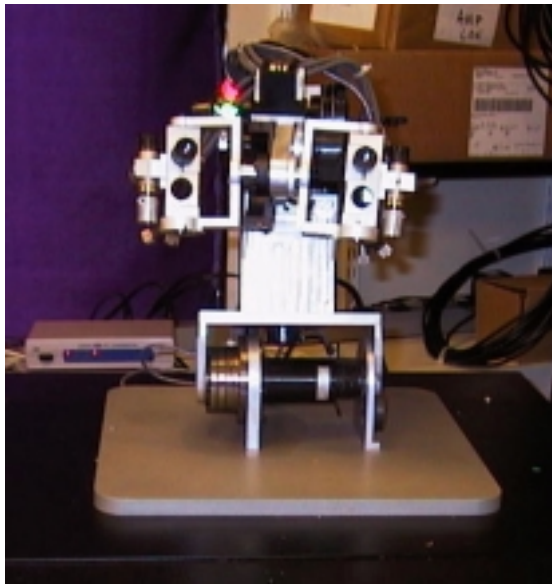
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NTT9904-01: Human-Robot Dynamic Social Interaction

Rodney A. Brooks



Progress Through December 2000



- Delivered first version of Kismet to NTT Kyoto
- Designed the final mechanical version of Kismet
- Designed the new system for facial expressions



Research Plan for the Next Six Months

- Integrate facial control with the existing Kismet control system
- Fabricate the final version of Kismet
- Construct a software library for facial control
- Deliver the final version of Kismet to NTT

