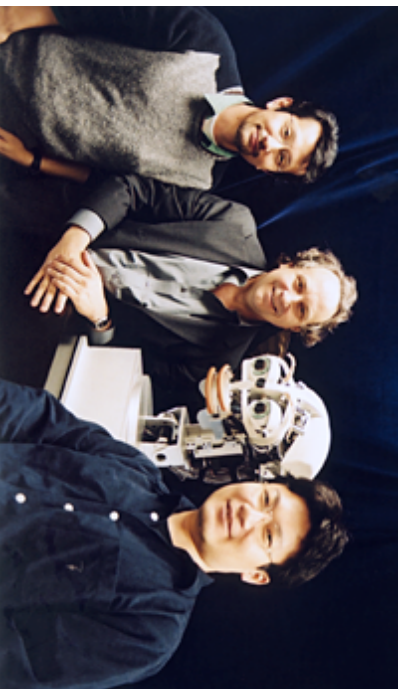
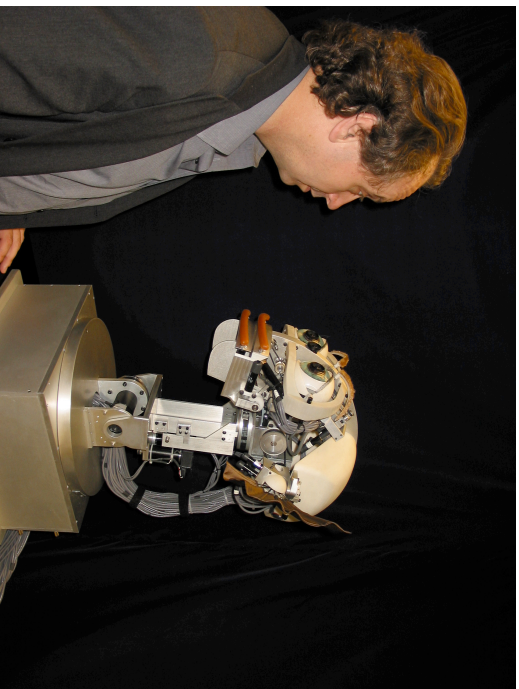
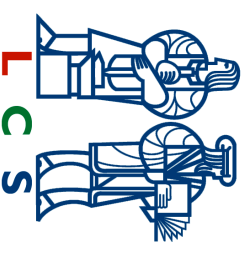


NTT9904-01 : Human-Robot Dynamic Social Interaction

Rodney Brooks



Project Overview

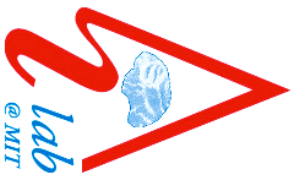


The big question:

- ◆ humans naturally interact with an embodied robot
- ◆ is 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.

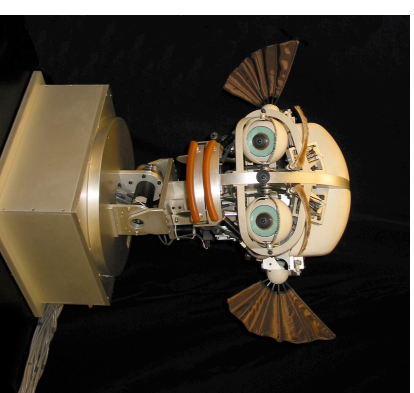
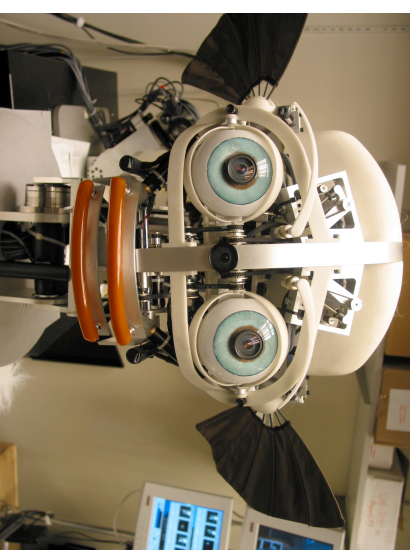
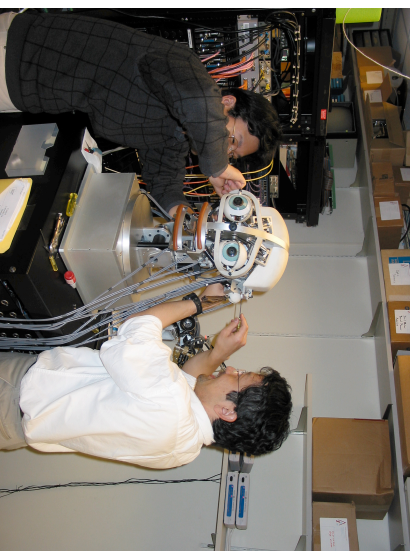
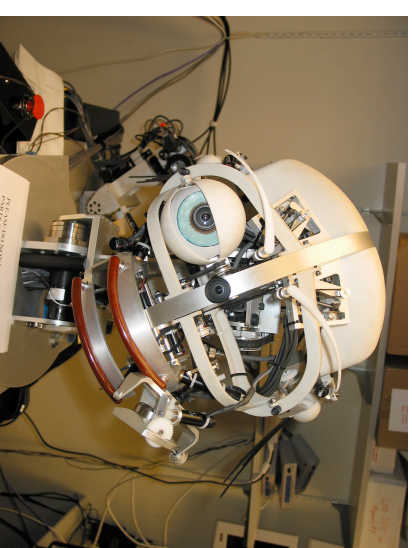
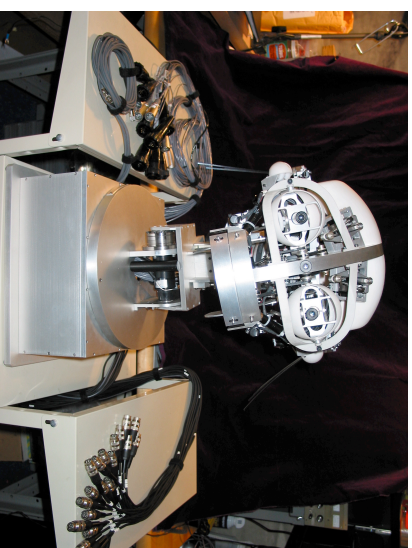
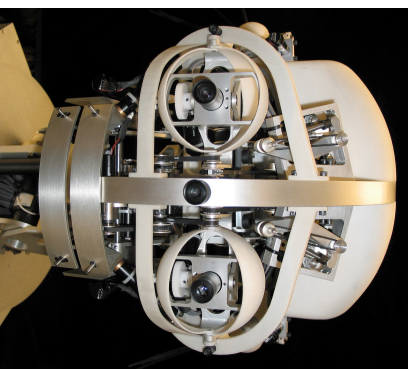
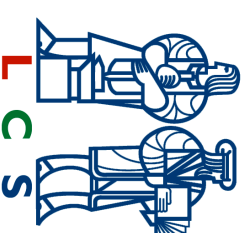


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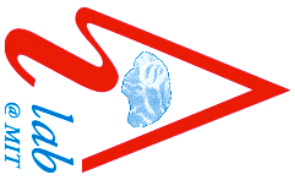


Progress Through June 2002



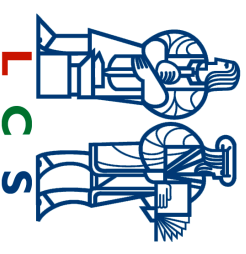
Handover of completed Kismet

NTT - MIT Research Collaboration — Bi-Annual Report: January 1, 2002 — June 30, 2002

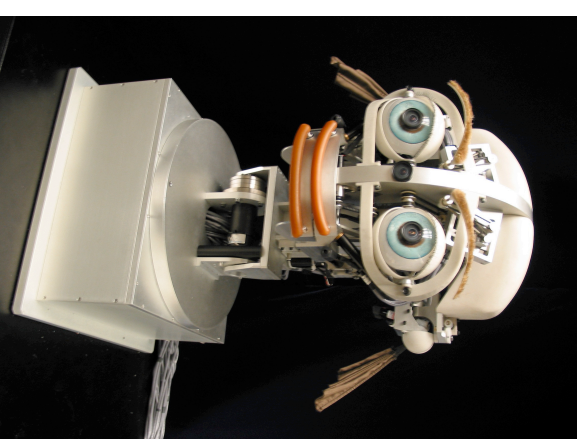
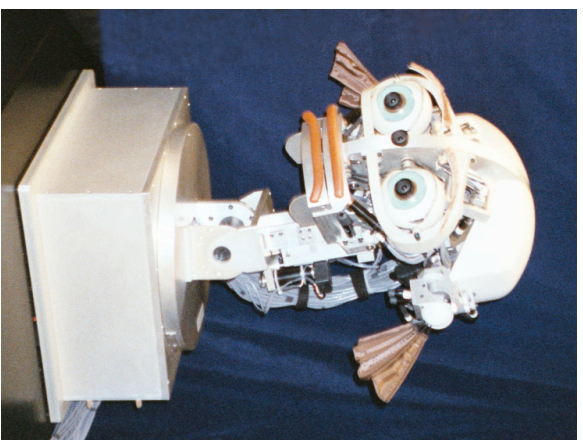
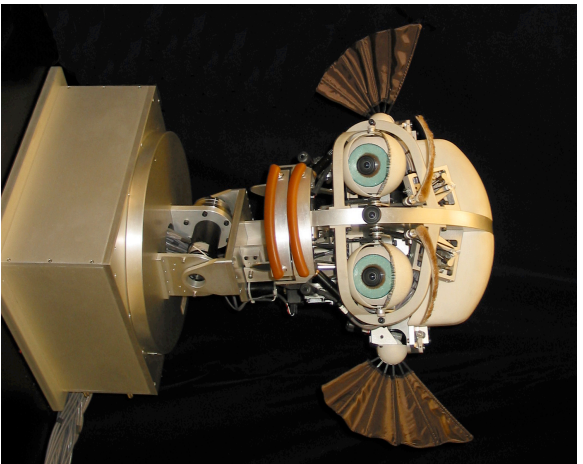


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Research Plan for the Next Six Months



- MIT group representatives to visit to Computer Sciences Laboratories, NTT
- NTT design and initiation of experiments using Kismet
- MIT research investigation into speech directed robot commanding
- MIT research towards a robot-based ego-sphere