



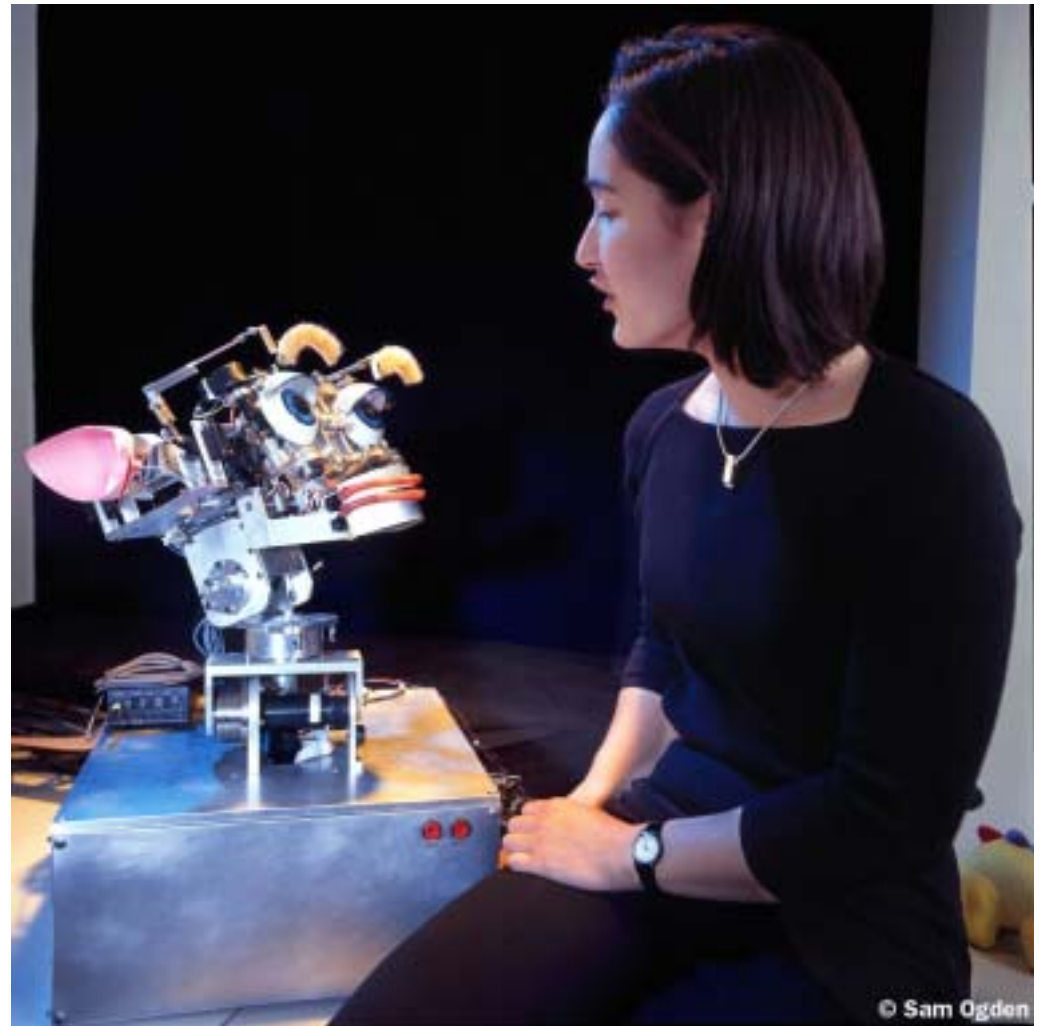
## Project Overview

**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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# NTT9904-01: Human-Robot Dynamic Social Interaction

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## Progress Through December 2001

- ◆ Fabricated final Kismet for delivery to NTT
- ◆ Built new motor control system for delivery to NTT
- ◆ Designed facial features for Kismet
- ◆ Completed implementation of a new motor and vision library for delivery to NTT





## Research Plan for the Next Six Months

- ◆ Complete fabrication and test of the final version of Kismet
- ◆ Complete fabrication of the face
- ◆ Implement a high level control library
- ◆ Deliver the final version of Kismet to NTT
- ◆ Deliver the final software system to NTT

