



**American Association for Artificial Intelligence**

**AAAI-04**  
**Mobile Robot Exhibition Schedule**

Tuesday, July 27, 2004

1000-1030 All Teams  
1240-1320 Stony Brook Robot Design Team  
1300-1320 Washington University  
1320-1340 Team H.E.R  
1340-1400 NASA Ames  
1610-1630 ND Multivac  
1730-1800 MU Mites

Wednesday, July 28, 2004

1000-1030 All Teams  
1200-1220 NASA Ames  
1220-1240 Washington University  
1240-1300 Stony Brook Robot Design Team  
1300-1320 Team H.E.R  
1320-1340 MU Mites  
1340-1400 ND Multivac

In addition, the GRACE and GEORGE team plans on running their robots as often and continuously as possible.

Descriptions:

MU Mites

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First time participant from University of Missouri-Columbia will present a team of small Lego robots moving in formations based on recognized gestures sketched on PDA. The team is also supposed to participate in Open Interaction event.

ND Multivac

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First time participant from University of Notre Dame will present a

multi-purpose mobile service robot with ability to track people and interact with them using natural language. The team is also supposed to participate in Open Interaction event.

#### Stony Brook Robot Design Team

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Returning team from Stony Brook University will present a new and improved version of ButlerBot with emphasis on entertainment and human interaction. The team is also supposed to participate in Open Interaction event.

#### Team H.E.R

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First year participant from Human Emulation Robotics, LLC Social Robots will present human interaction system with a realistic human face. The team will present battery-powered, compact heads animated by a suite of AI and perceptual software, including face-perceiving machine vision, speaker independent speech recognition, speech synthesis, and natural language interactivity. The team is also supposed to participate in Challenge event.

#### Washington University

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Returning team from Washington University in St. Louis will demonstrate failure-tolerant robotic software architecture. The team is also supposed to participate in Challenge event.

#### GRACE and GEORGE

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Returning team from Carnegie Mellon University, Naval Research Lab, and Swarthmore College will present two robots working together to provide concierge service for the conference: answering questions about the conference, giving directions, and leading attendees to specific locations. The team is supposed to participate in Open Interaction event.