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.