

CONGRESSIONAL Robotics Caucus



Speakers

Welcome:

Co-chairs Rep. Mike Doyle
Rep. Phil Gingrey

Keynote speaker:

Dr. Robin R. Murphy - Raytheon Professor of Computer Science & Engineering at Texas A&M, director of the Center for Robot-Assisted Search and Rescue, and an IEEE Fellow. She received her Ph.D from Georgia Tech and conducts research in artificial intelligence and human-robot interaction for rescue robots under funding from agencies including NSF, DARPA, and ONR. She has been honored with the Motohiro Kosoji Award (Japan), the AI Aube Outstanding Contributor Award (AUVSI), and an Eagle Award (NIUSR) for her insertion of ground, air, and sea robots for urban search and rescue at ten disasters. She currently serves on the Defense Science Board and the Computing Community Consortium.



Dr. Murphy's topic: **Robots to the Rescue!**

She will describe how experimental land, sea, and aerial robots have been used by the Center for Robot-Assisted Search and Rescue at numerous incidents starting with the 9/11 world Trade Center disaster and including Hurricane Katrina and the Crandall Canyon mine collapse.



**Congressional Robotics Caucus
Luncheon Briefing
1145 – 1315
Thursday, 15 April 2010
Rayburn Foyer
(off Independence Avenue)**

Robots on display!
**Hours 0900 – 1700 in celebration
of the first National Robotics Week**

Comments? Questions?

Please contact:

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*This briefing is being held in collaboration
with the Association for Unmanned
Vehicle Systems International (AUVSI).*



*Caucus Advisory Committee: American Assoc. for the
Advancement of Science, Assoc. for Unmanned Vehicle
Systems Int'l., Computing Research Assoc., IEEE-USA, IEEE
Robotics & Automation Society, Mass Technology Leadership
Council, Inc., National Defense Industrial Assoc., Robotic
Industries Assoc., Robotics Technology Consortium, Robotics
Trends and The Technology Collaborative.*

Exhibitors

AAI Corporation/Textron, Hunt Valley, MD
AV, Inc., Monrovia, CA
American Dynamics, Jessup, MD
AnthroTronix, Silver Spring, MD
Applied Research Associates, Randolph, VT
Carnegie Mellon University, Pittsburgh, PA
Controp USA, Bethesda, MD
Elmo Motion Control, Nashua, NH
Hydranalix, Sahuarita, AZ
Intelligent Automation, Derwood, MD
Interbots, Pittsburgh, PA
iRobot, Bedford, MA
Liquid Robotics, Palo Alto, CA
Lockheed Martin, Dallas, TX
Sonex Research Inc., Annapolis, MD
Texas A&M University, College Station, TX
UAV Pro, Blackstone, VA
University of Maryland Space Systems Lab, College Park, MD
University of Pennsylvania GRASP Lab, Philadelphia, PA



Intelligent Automation



Liquid Robotics



Locomoting Modular
Snake Robot – CMU



AcceleGlove
AnthroTronix