

**Congressional Robotics Caucus  
Luncheon Briefing, Thursday, May 21, 2009  
HVC 201 A&B Capitol Visitor Center**

***National Robotics Technology Roadmap to be Unveiled.  
Industry and Academia to Call for a National “Robotech” Initiative.***

You are invited to attend the fourth briefing of the Congressional Robotics Caucus where the results of a Computing Community Consortium funded (via a National Science Foundation grant), year long study to develop a national robotics technology roadmap will be unveiled for the first time. The Robotics Caucus is co-chaired by Mike Doyle and Phil Gingrey and the purpose is to promote awareness of the issues and challenges facing the U.S. robotics technology industry, as well as highlight the significant contributions robotics technology makes to the economy and national security. **This briefing, involving leading robotics researchers, robotics entrepreneurs, academia representatives, and industry executives from across the nation, will be held Thursday, May 21<sup>st</sup>, in Rooms HVC 201 A&B, Capitol Visitor Center, from 11:45 am until 1:15 pm. Lunch will be served.**

Over the past five years, tremendous advancements in *robotics technology* have enabled a new generation of applications in fields as diverse as agile manufacturing, logistics, medicine, healthcare, and other commercial and consumer market segments. Further, it is becoming increasingly evident that these early, next generation products are a harbinger of numerous, large scale, global, robotics technology markets likely to develop in the coming decade. Owing to the inexorable aging of our population, the emergence of such a next generation, “robotech” industry will eventually affect the lives of every American and have enormous economic, social, and political impact on the future of our nation. As such, robotech represents one of the few technologies capable in the near term of building new companies and creating new jobs and in the long run of addressing issues of critical national importance. To articulate the need for the United States to establish a national robotics technology initiative, over 140 individuals from companies, laboratories, and universities from across the country joined forces to produce a definitive report that (1) identifies the future impact of robotics technology on the economic, social, and security needs of the nation, (2) outlines the various scientific and technological challenges, and (3) documents a technological roadmap to address those challenges.

Please plan to attend this important upcoming brief that will summarize the major findings of the road mapping effort, discuss the impact, opportunities, and challenges specific to targeted sectors, including manufacturing, healthcare, and various commercial services industries, and recommend actions that must be taken if the United States is to remain globally competitive in robotics technology. Demonstrations of representative robotech solutions will also be shown and copies of the robotics technology roadmap will be available. Expected speakers include **Dr. Jared Cohon**, President, Carnegie Mellon University, **Henrik Christensen**, Ph.D., Director, Robotics and Intelligent Machines Center, and KUKA Chair of Robotics, Distinguished Professor at Georgia Tech, **Rodney Brooks**, Ph.D., Panasonic Professor of Robotics at MIT and Founder of Heartland Robotics, and former CTO and Board Member of iRobot, **Eric Close**, CEO, RedZone Robotics, and **Lonnie Smith**, Chairman of the Board and CEO, Intuitive Surgical, Inc.

Please RSVP to Patti Rote, [pattir@techcollaborative.org](mailto:pattir@techcollaborative.org).