



ROBOTS FOR GOOD

The Humanitarian, Environmental, Educational, Medical, and Search & Rescue Uses of Robotics Technology

Congressional Robotics Caucus Advisory Committee
Afternoon Briefing & Exhibition
In conjunction with Congressional Robotics Caucus

Rep. Phil Gingrey, M.D.
 Robotics Caucus Co-Chair

Rep. Mike Doyle
 Robotics Caucus Co-Chair

WHEN

Tuesday, 17 June 2014
 1:00 PM – 4:00 PM

WHERE

Cannon Caucus Room
 (345 Cannon House Office Building)

Whether they swim, fly, walk, or crawl, today's robots are doing more than you can imagine. These machines are already changing the way we save lives. Researchers who develop robotics technology are leveraging existing and emerging technologies to create amazing tools and provide societal benefits that were once science fiction.

Come hear experts talk about some of the many contributions robotic technologies are making to increase our quality of life, help us recover from disasters, encourage students in exciting new fields of study, and contribute to the safety and security of all life on earth.

Welcome [1:00 PM] Congressman Gingrey & Congressman Doyle

Introductions [1:10 – 1:15 PM] Keith Grzelak, past IEEE-USA Vice President, Government Affairs

Guest Speakers [1:15 – 2:30 PM]

Jason Walker, CyPhy Works
Unlocking the Economic and Altruistic Potential of Flying Robots

Crawford Allan, Director, WWF/ TRAFFIC North America, Washington, DC
Integrating Robotics Technology into Wildlife Protection Strategies

Rand D. LeBouvier, Bluefin Robotics, Quincy, MA
Undersea Robots: Working in the World's Toughest Environment

M. Beatrice Dias, Carnegie Mellon Robotics Institute
Community Empowerment through Robotics

For more information about the briefing, to RSVP, or to learn more about robotics companies in your Congressional District, please contact Bernadette Concepcion at b.concepcion@ieee.org.

To join the Robotics Caucus, contact Caryn Hamner (Caryn.Hamner@mail.house.gov) in Congressman Phil Gingrey's office, or Philip Murphy (Philip.Murphy@mail.house.gov) in Congressman Mike Doyle's office.

Snacks and finger foods will be provided. This is a widely attended event and it is open to all Members and staff.

www.roboticscaucus.org/Schedule/2014/17June2014/

The goal of the Robotics Caucus is to inform the Congress and the public about the importance of robotics to our nation's economic growth, defense, safety, global competitiveness, and quality of life.

Meet & Greet Robotics Exhibitors

Fumin Zhang
 Associate Professor, School of Electrical & Computer Engineering & Students from Georgia Institute of Technology
Maritime mobile sensor network

Chris Miser & Eric Becker
 Falcon Unmanned, Aurora, CO
Partnering with WWF to use UAV technology in southern Africa to monitor and fight wildlife poaching

BirdBrain Technologies LLC
FINCH, an educational robot developed and spun out of Carnegie Mellon University's CREATE Lab to teach programming to students as young as eight years old

Carnegie Mellon's CREATE Lab
Speck, which is an indoor fine particle monitor that uses an infrared sensor to read indoor air quality

GRASP, Penn Engineering
RHex, the Parkour robot, a bio-inspired lab on legs capable of traversing rough terrain for first response, environmental monitoring, search and rescue, and reconnaissance; and TRHex (Teaching RHex), our newly developed educational robot hexapod

VA/DC FIRST Lego League
Nine- to 14-year-olds

CyPhy Works, Danvers, MA
Innovative & Revolutionary Robots, displaying PARC, a long endurance UAV