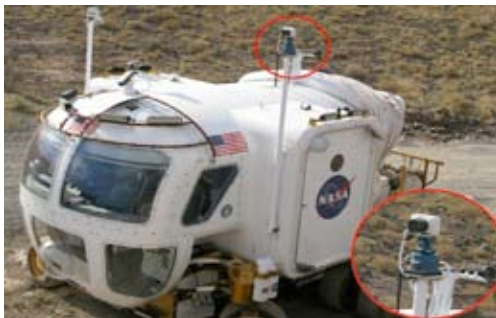




The K10 robot operating at Haughton Crater, Canada.

NASA Ames is using K10 to study how robots working before and after humans can improve planetary exploration.



The GigaPan robotic camera mounted on NASA's Space Exploration Vehicle.

The GigaPan captures gigapixel resolution panoramic images and can be used for geology studies, citizen science, and public engagement.



Astrobotic Technology, Inc. and its technical collaborators at Carnegie Mellon University have built prototype Moon robots in preparation for an April 2013 expedition to win the Google Lunar X Prize, supply data to NASA, and establish a continuing business of commercial lunar services.



Congressional Robotics Caucus Luncheon Briefing
11:45 am – 1:15 pm
Thursday, September 30, 2010
Capitol Visitor Center HVC 201 A&B

This briefing will focus on space exploration.

Speaker line-up

The Carlton J. Kell High School Robotics Team
 Marietta, GA
Topic: Mission to Planet Earth

Terry Fong, Ph.D., Director, Intelligent Robotics Group
 NASA Ames Research Center, Moffett Field, CA
Topic: Planetary Exploration Reinvented; New Ways of Exploring the Moon, Mars and Beyond

David Gump, President, Astrobotic Technology, Inc., Pgh., PA
Topic: Accelerating Space Exploration with Private-Sector Resources

This caucus is co-chaired by Rep. Mike Doyle and Rep. Phil Gingrey. Please contact David Lucas, David.Lucas@mail.house.gov in Congressman Mike Doyle's office, or Michael Calvo, Michael.Calvo@mail.house.gov in Congressman Phil Gingrey's office for more information about the briefing or to join the caucus, or, RSVP to Patti Rote, prote@andrew.cmu.edu.

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



The Carlton J. Kell High School Robotics Team's Trash Collecting Robot for rivers, lakes, and streams.

Sponsored in part by NASA, these students have demonstrated how they are taking the skills and knowledge acquired in the FIRST (For Inspiration and Recognition of Science and

Technology) Robotics Competition to transform their community, protect the environment, promote STEM education, support national defense, and change the conversation on education, the environment, and energy.

