
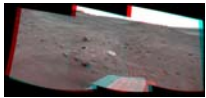
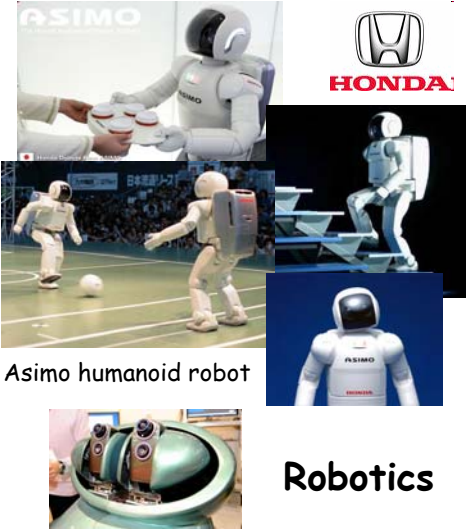


**Mars Exploration Rover Mission "Spirit"**



Robonaut to the rescue!






**ASIMO humanoid robot**

**Robotics**


Tokyo Institute of Technology  
Bino3 security robot

## Stereo Vision Applications


## Autonomous Vehicles




Stanford's "Stanley" won the 2005 DARPA Grand Challenge




CMU's Lewis & Clark




CMU's "Boss" won the 2007 DARPA Urban Challenge

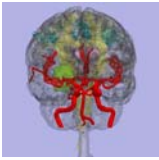


Using satellite stereo images to make terrain maps





CMU overlay system



MIT/BWH

## 3-D visualization for surgical guidance