

Alumni Distinguished Achievement
Award Recipient Lecture

Robots at Work

WILLIAM L. "RED" WHITTAKER



Red Whittaker is the Fredkin professor of robotics at Carnegie Mellon University's Robotics Institute. He has developed dozens of robots, breaking new ground in autonomous vehicles, field robotics, space exploration, mining and agriculture. He developed the robots that cleaned up the Three-Mile Island nuclear accident. His ground vehicles have driven thousands of autonomous miles. Whittaker won DARPA's \$2 million Urban Challenge. His HUMVEEs finished second and third in DARPA's Grand Challenge desert race. Whittaker is competing for the \$20-million Google Lunar X Prize for privately landing a robot on the moon.

*Students, Faculty
and Staff,
please bring your
Carnegie Mellon ID.*

Thursday, October 29, 2009

4:30 p.m.

**Rashid Auditorium
Gates Center for Computer Science**

*Light refreshments provided
immediately following the lecture.*

Robots are a great story of technology, enterprise and people... much of which occurred at Carnegie Mellon. The presentation will weave some of that story around robots for industry, exploration, fun, wonder, and competitions. Robots are changing the way we live, work and expand our experience. They are toys for entertainment, instruments for surgery, and tools for labor and hazardous duty. Robots explore other planets, labor in factories and paint cars. The great questions are no longer whether robots are real....but how they work, why, and for what purposes.