

# MECHANICAL AND AEROSPACE ENGINEERING COLLOQUIUM SERIES

“iRobot Research and the Future of Robotic Systems”

Dr. Chris Jones  
iRobot

Friday, October 23, 2009

1:30PM

205 Thurston Hall

Refreshments: 2:30pm, 206 Thurston Hall

---

## ABSTRACT

iRobot is a leader in the development of innovative robotic systems that make a difference in the people's lives. From cleaning floors to disarming explosives, iRobot constantly strives to find better ways to tackle dull, dirty and dangerous missions. This presentation will highlight some of iRobot's most recent products in the consumer and military markets as well as overview some of the ongoing research projects at iRobot.

## BIO

Dr. Chris Jones is the Research Program Manager at iRobot Corporation. In support of iRobot's vision to develop innovative robotic products and technologies, the multi-disciplinary Research Group Dr. Jones leads is engaged in advanced robotics research and development in areas including mobile robot autonomy, collaborative unmanned systems, human-robot interaction and interfaces, and innovative unmanned systems design concepts. The Research Group actively collaborates with leading academic and industrial institutions and is engaged with robotics R&D organizations across the US Department of Defense, including DARPA, TARDEC, AFRL, and SPAWAR. Prior to joining iRobot in 2005, he was involved in robotics research and development at the Center for Robotics and Embedded Systems at the University of Southern California, the Artificial Intelligence Lab at the University of Zurich, the Intelligent Systems and Robotics Center at Sandia National Laboratories, and the Robotics Research Lab at Texas A&M University. Dr. Jones received his Ph.D. and M.S. in Computer Science from the University of Southern California and his B.S. in Computer Engineering from Texas A&M University.