



SACRAMENTO STATE

Department of Physics & Astronomy Fall 2007

Physics Colloquium Series

"Houston, We Have A Problem...": An Inside Look at NASA Flight Control

A space mission is only as successful as its flight control team. Such is the case at NASA Johnson Space Center, home to NASA's manned spaceflight program. In my year and a half as a rendezvous flight controller at JSC, I've gained a wealth of knowledge about the busy and always exciting business of space travel. Working with the European Space Agency in anticipation for the first flight of their ATV (Automated Transfer Vehicle) in early 2008 allows a unique perspective into the details of flight operations preparation. I'll share my experiences as a flight controller for the International Space Station, both on console as well as the engineering analysis and design processes that are a part of everyday life for a NASA flight controller.

Heidi Poppelreiter

NASA Johnson Space Center

Tuesday, November 20, 2007

4:00-5:20 PM MND 1015

Open & Free to all Students, Faculty & Public