



American Institute of Aeronautics and Astronautics
HOUSTON SECTION • P.O. Box 57524 • Webster, Texas 77598
Web site: www.aiaa-houston.org

Astrodynamics Technical Committee “Lunch-and-Learn”



Mars Exploration Rovers Spirit & Opportunity

by

Dr. Mark Adler, Chief Mission Concept Architect, Jet Propulsion Laboratory

DATE: Monday, March 10, 2008

TIME: Noon – 1:00 PM Presentation

11:30 AM – 1:00 PM *Appetizers (Italian Antipasto), iced tea, & water*

Compliments of AIAA Houston Section

PLACE: JSC Gilruth Center Alamo Ballroom

ROOM CAPACITY: 270

Dr. Adler earned his Ph. D. in Physics from the California Institute of Technology in 1990. He is currently the Chief Mission Concept Architect and Manager for Concept Development at JPL. He is responsible for the conception, design, engineering, and cost and schedule estimation for proposed new science missions and space science instruments across JPL.

Mark Adler conceived the mission and led the proposal team for the Mars Exploration Rovers. He was responsible for the mission system of the Mars Exploration Rover Project and the operations of the Spirit rover en route to Mars through the ongoing surface mission.

Mars Exploration Rover is a NASA Space Science project which launched two scientific exploration rovers to two different sites on Mars in mid-2003, with both landing successfully in early 2004. After landing, each rover carried out a 3-month mission to explore its site and, through detailed morphological and mineralogical investigations, provide an understanding of the ancient history of each site. The rovers are continuing to explore in their extended mission, going well past their intended 90-day life spans.

This event is open to aerospace professionals and students. Badges are not required. AIAA membership is not required. If you plan to attend, registration is recommended online at www.aiaa-houston.org. For additional information, please e-mail events@aiaa-houston.org or phone 281-244-3925.