

Panel 1: Asteroid Next

To Mars with an Asteroid as the Next Step



Panel Chairs:

Bret G. Drake / NASA / Johnson Space Center

Cheryl Reed / John Hopkins University / Applied Physics Laboratory

Panel Members:

Paul Abell / NASA

Hitoshi Kuninaka / JAXA

Roland Martinez / NASA

Mike Raftery / The Boeing Company

Randy Sweet / Lockheed Martin

Steve Wright / Booz-Allen Hamilton

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Panel 1 Agenda

Bret G. Drake (NASA) -

Roland Martinez (NASA) -

Cheryl Reed (APL) -

Josh Hopkins (LMCO) -

Michael Elsperman (Boeing) -

Hitoshi Kuninaka (JAXA) -

Questions and Answers

Break

Panel 1 Key Findings

Introduction and Objectives

GER Asteroid Next Scenario

Target NEO: A Report on Key Community Activities

Vested in Providing a Resilient NEO Accessibility

Program for Human Exploration Beyond LEO and the

Nexus Between Planetary Science and Defense

Short, Simple Asteroid Missions: Near Term Steps

Asteroid Mission Concept using Solar Electric

Propulsion

Robotic Pre-Cursor Contribution to Human NEA

Mission -

Panel / Audience / Web

Panel Members

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Panel Considerations:

- *What elements of this scenario are strong and should be retained?*
- *What elements of this scenario require further assessment?*
- *What innovative ideas or solutions make this scenario stronger?*