National Aeronautics and Space Administration

Meeting Objectives and

Instructions for Synthesis Sessions

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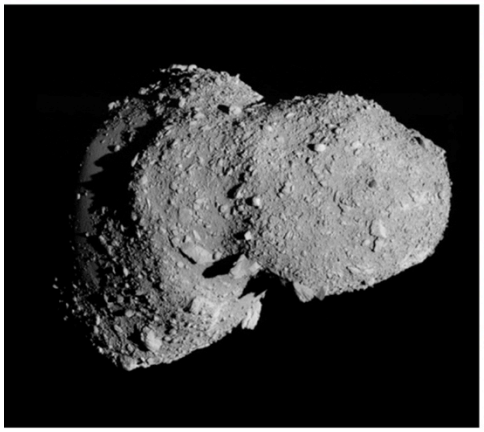
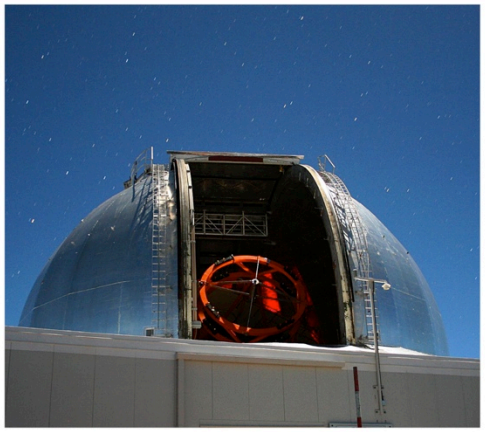

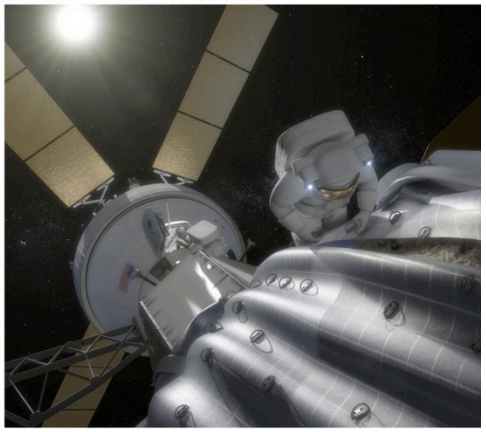

September 30, 2013

Meeting Objectives

- **The purpose of this workshop is to further examine and foster a broad discussion on these newest ideas and help inform NASA's planning activities.**
- **We will listen, discuss, debate, and synthesize 96 of the RFI responses.**
- **Sessions are consistent with the RFI format**
  - Monday pm: Asteroid Observation, Asteroid Redirection Systems
  - Tuesday am: Asteroid Deflection Demonstrations
  - Tuesday pm: Partnerships & Participatory Engagement, Asteroid Capture Systems, Asteroid Crew Systems
- **Also two sessions on the Grand Challenge**
  - Tuesday am: Crowd Sourcing and Citizen Science
  - Wednesday pm: Next Generation Engagement
- **NASA personnel will serve as leads in our discussions. We ask for your active participation - virtual participants too!**
- **Each session of the workshop will be streamed online, and virtual participants are encouraged to join the chat rooms and send questions to the session leads via Twitter.**

Instructions for Synthesis Sessions

- Session leads designed agendas to encourage questions, ideas, discussion. They will describe their plans in the session introductions.
- Seating is auditorium style for capacity reasons - the desire is two-way communication. We want to know what you think! We/ NASA have already read and discussed the RFIs.
- Session leads will capture major discussion topics and a set of findings to brief out on Wednesday morning in closing plenary.
- Mission and Grand Challenge planning will use the findings.
  - Mission concept development studies
  - Robotic mission and system concept integration
  - Grand challenge implementation planning

Outline for Session Briefings Wednesday am

1. **Session Purpose**
2. **RFI Selection Process**
3. **Agenda**
4. **Key Topics Discussed**
5. **Findings for Asteroid Redirect Mission Planning***
   - Summary of the most promising ideas, including their innovativeness and potential for improving mission/system performance and affordability.
   - Any technology development needed to mature the ideas to the point where they can be incorporated into system designs.
   - Relationships or linkages between the ideas that could help with mission/system concept integration.
   - Further studies or next steps
6. **Findings for Grand Challenge Planning***
   - Summary of the promising ideas
   - Identification of overlap and synergy between the presented ideas
   - Prioritization of immediate actions

* Some can be combined, if appropriate