

# Exploration of NEOs Objectives Workshop

August 10-11, 2010



## DAY 1 – AUGUST 10, 2010

Note: breakout sessions from 14:45-16:00 will not be captured on the Web stream.

Time	Agenda Item	Speaker
8:00-8:15	Opening Remarks: Setting the Stage	D. Cooke
8:15-8:35	Why go to a NEO?	T. Jones
8:35-8:50	Opportunities for NEO Exploration	L. Johnson
8:50-9:05	Considerations for Planetary Defense	B. Ailor
9:05-9:25	Update on Exploration Study Teams	M. Hecker
9:25-9:45	Exploration Precursor Robotic Mission (xPRM) Study Team Update	J. Jenkins
<b>9:45-10:15</b>	<b>Break</b>	
10:15-10:30	Innovative Concepts for NEO Exploration	B. Wilcox
10:30-10:45	Using the Moon to Facilitate Exploration of NEOs	C. Neal
10:45-11:00	International Framework for Human Space Exploration	K. Laurini
11:00-11:15	Hayabusa Mission Update	H. Kuninaka
<b>11:15-12:15</b>	<b>Lunch</b>	
12:15-13:15	Panel Session: Lessons Learned for NEO Missions	P. Abell (Facilitator)
	NEAR	A. Cheng
	Deep Impact	L. Johnson
	Hayabusa	H. Kuninaka
	Don Quijote/Marco Polo/Rosetta	M. Coradini
13:15-13:30	Discussion	
13:30-14:00	Panel Session: Objectives of Human Mission to NEO	L. Leshin (Facilitator)
	Administration Policy/Technology Perspective	D. Wells
	Planetary Defense Perspective	P. Garretson
	Science Perspective	F. Vilas
14:00-14:15	Discussion	
<b>14:15-14:30</b>	<b>Adjourn into Breakout Sessions</b>	
14:30-16:00	Breakout Sessions – Input on Objectives of Human Mission to NEO	<i>No Web Stream</i>
<b>16:00-16:15</b>	<b>Return to Plenary Session</b>	
16:15-17:30	Session Outbriefs (10 min each)	
18:30-20:30	Reception at the Smithsonian Institution's National Museum of Natural History	

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## DAY 2 – AUGUST 11, 2010

Note: breakout sessions from 8:45-10:45 will not be captured on the Web stream.

Time	Agenda Item	Speaker
8:00-8:15	Recap of Day 1 and Looking Ahead	M. Broadwell
8:15-8:30	Public Participation in the Exploration of NEOs	B. Betts
<b>8:30-8:45</b>	<b>Adjourn to Breakout Sessions</b>	
8:45-10:45 <i>No Web Stream</i>	Concurrent Breakout Sessions - In the context of the objectives for a human mission to a NEO, address the following:	
	1. What do we need to know before we can send a human to a NEO (i.e. characterization, knowledge gaps, and precursor investigations)?	
	2. What technologies and/or capabilities are needed for a human mission to a NEO?	
	3. What are the concepts of operations for a human mission to a NEO?	
	4. For purposes of planetary defense, what do we need to know about NEOs and what capabilities are needed?	
	5. What are the synergies with a human mission to the Moon and Mars?	
	6. What policy considerations must be addressed? What are possible ways to engage the public?	
<b>10:45-11:00</b>	<b>Break</b>	
11:00-12:00	Outbrief (15 min) and Audience Input (15 min)	Topics 1-2
<b>12:00-13:00</b>	<b>Lunch</b>	
13:00-14:30	Outbrief (15 min) and Audience Input (15 min)	Topics 3-5
<b>14:30-15:00</b>	<b>Break</b>	
15:00-16:00	Outbrief (15 min) and Audience Input (15 min)	Topics 6-7
16:00-16:30	Closing Remarks	L. Leshin
<b>16:30</b>	<b>Workshop Adjourned</b>	