The background is a rich, colorful depiction of space. On the left, a large portion of Earth is visible, showing blue oceans and white clouds. Below it, the bright orange and yellow surface of the Sun is partially obscured by a glowing, swirling nebula. In the center, the Moon is shown in a dark, cratered state. To the right of the Moon is the reddish-orange planet Mars, and further right is the large, striped planet Jupiter. A bright comet with a long tail streaks across the upper right. In the far distance, a spiral galaxy is visible against a starry black sky.

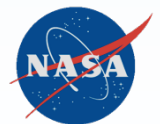
Technology Workshop for Discovery
Washington, DC
April 9, 2014

Agenda: Technology Workshop for Discovery, April 9, 2014



Topic/Presenter		Time
Welcome	M. New/Discovery Program	08:00-08:15
STMD-, SMD- and HEOMD-funded Spacecraft Technologies	NEXT Electric Propulsion System/S. Benson	08:15-08:30
	Advanced Solar Arrays/C. Mercer	08:30-08:45
	Deep Space Optical Communications/A. Biswas	08:45-09:00
	Deep Space Atomic Clock/A. Farrington	09:00-09:15
	Heatshield for Extreme Entry Environment Technology /R. Venkatapathy	09:15-09:30
	Aeroentry Data Capture/Michelle Munk	09:30-09:40
	Robotic Lander Technology/J. Adam	09:40-9:55
	Automated Rendezvous and Docking Sensors/ H. Hinkel	09:55-10:10
	Autonomous Landing and Hazard Avoidance Technology/C. Epp	
Green Propellant Infusion Mission/J. McDougal	10:10-10:25	
Break	All	10:25-10:35

Adobe Connect: Go to <http://connect.arc.nasa.gov/techday2014>
 Teleconference Number: 1-888-455-8219, Participant Passcode: 55355



Agenda: Technology Workshop for Discovery, April 9, 2014

Topic/Presenter		Time
Break	All	10:25-10:35
PSD-funded Instruments	MaSPEx Advanced Mass Spectrometer/H. Waite	10:35-10:50
	A Compact Integrated Raman Spectrometer (CIRS)/A. Wang (Wash U)	10:50-11:05
	High-performance in-situ dust analyzer/ Z. Sternovsky (Univ Colorado)	11:05-11:20
	Planetary Instrument for Submillimeter-wave Surface and Atmospheric Reconnaissance and Research in Orbit (PISSARRO)/ I. Mehdi (JPL)	11:20-11:35
	A simple instrument suite to characterize weathering and habitability of the shallow Martian subsurface (MAHRS)/N. Renno (U Mich)	11:35-11:50
	Ultra Compact Imaging Spectrometer (UCIS)/ D. Blaney (JPL)	11:50-12:05
Lunch Break	All	12:05-13:30
One-on-One Meetings	See next page	13:30-18:30

Adobe Connect: Go to <http://connect.arc.nasa.gov/techday2014>

Teleconference Number: 1-888-455-8219, Participant Passcode: 55355



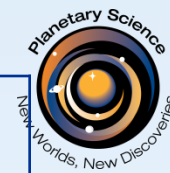
Discovery Technology Workshop: One-on-Ones

Time Slot	Meridian Room General Session 1-888-455-8219 Passcode: 55355	Room 110 Lobby Level 1-888-455-8219 Passcode: 33560	Room 109 Lobby Level 1-888-455-8219 Passcode: 15434	Crescent Room Lobby Level 1-888-455-8219 Passcode: 27117
1:30-2:00	ASA 1	HEEET/EDL	DSOC/DSAC	RLT
2:00-2:30	ASA 1	HEEET/EDL	DSOC/DSAC	RLT
2:30-3:00	NEXT	ARDS/ALHAT	GPIM	MaSPEX
3:00-3:30	NEXT	ARDS/ALHAT	GPIM	MaSPEX
3:30-4:00	ASA 2	CIRS	Dust Analyzer	<i>Open</i>
4:00-4:30	ASA 2	CIRS	Dust Analyzer	<i>Open</i>
4:30-5:00	PISSARRO	MAHRS	UCIS	<i>Open</i>
5:00-5:30	PISSARRO	MAHRS	UCIS	<i>Open</i>
5:30-6:00	<i>Open</i>	<i>Open</i>	<i>Open</i>	<i>Open</i>
6:00-6:30	<i>Open</i>	<i>Open</i>	<i>Open</i>	<i>Open</i>

Attendees must request a time to meet with a technology team for in-person or virtual discussions. Contact Ms. Terri Carta, theresa.l.carta@nasa.gov, to reserve time.



Discovery Technology Workshop: One-on-Ones



Time Slot	Meridian Room General Session 1-888-455-8219 Passcode: 55355	Room 110 Lobby Level 1-888-455-8219 Passcode: 33560	Room 109 Lobby Level 1-888-455-8219 Passcode: 15434	Crescent Room Lobby Level 1-888-455-8219 Passcode: 27117
1:30-2:00	ASA 1-(JPL) Sotin,Oh,Synder,Lee Surampudi,Khanna,Reh	HEEET/EDL (NASA JSC) – David Draper Lee Graham	NEXT John Hopkins Applied Physic' s Team	RLT - (JPL) San Martin
2:00-2:30	ASA 1 (LM) – Mike McGee Scott Hovarter	HEEET/EDL –(JPL) Szalai,Khanna,SanMartin,Reh	DSOC/DSAC – (JPL) Lee,Oh,Surampudi,Snyder	ADC (NG) – Ronald Polidan
2:30-3:00	ASA 2 (LM) Mike McGee Scott Hovarter	NEXT-(JPL) Oh,Snyder,Surampudi Khanna,Reh	DSOC (OSC) – Dave Oberg Joe Makowski	MaSPeX (ABT) Dr. Dissly
3:00-3:30	ASA 1 (OSC) – Dave Oberg Joe Makowski	ARDS/ALHAT –(JPL) Khanna,SanMartin,Suampudi	DSOC John Hopkins Applied Physic' s Team	MaSPeX – (JPL) Sotin,Feldman,Beauchamp Reh,Snyder
3:30-4:00	ASA 2-(JPL) Oh,Snyder,Surampudi Khanna,Reh,Lee	CIRS –(JPL) Sotin,Feldman	DSOC/DSAC (LM) – Mike McGee Scott Hovarter	HEEET (NG) – Ronald Polidan
4:00-4:30	ASA 2 (OSC) – Dave Oberg Joe Makowski	CIRS – (JPL) Beauchamp	Dust Analyzer – (JPL) Sotin,Feldman,Beauchamp Snyder,Reh	RLT (LM) – Mike McGee Scott Hovarter
4:30-5:00	PISSARRO (JPL) Feldman	NEXT (OSC) – Dave Oberg Joe Makowski	UCIS	HEEET (LM) – Mike McGee Scott Hovarter
5:00-5:30	ASA 1 John Hopkins Applied Physic' s Team	MAHRS	UCIS – (JPL) Feldman	Dust Analyzer
5:30-6:00	ASA 2 John Hopkins Applied Physic' s Team	<i>Open</i>	<i>Open</i>	<i>Open</i>
6:00-6:30	<i>Open</i>	<i>Open</i>	<i>Open</i>	<i>Open</i>

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Acronyms (Mission Directorate)

ALHAT	Autonomous Landing and Hazard Avoidance Technology (HEOMD)
ARDS	Automated Rendezvous and Docking Sensors (HEOMD)
ASA (1 & 2)	Advanced Solar Arrays (Two Vendors) (STMD)
CIRS	Compact Integrated Raman Spectrometer (SMD)
DSAC	Deep Space Atomic Clock (STMD)
DSOC	Deep Space Optical Communications (STMD)
EDL	Entry, Descent, and Landing (STMD)
GFE	Government Furnished Equipment
HEEET	Heat Shield for Extreme Entry Environment Technology (STMD)
MAHRS	A simple instrument suite to characterize weathering and habitability of the shallow Martian subsurface (SMD)
MaSPeX	MASS Spectrometer for Planetary EXploration (SMD)
NEXT	NASA's Evolutionary Xenon Thruster (SMD)
PISSARRO	Planetary Instrument for Submillimeter-wave Surface and Atmospheric Reconnaissance and Research in Orbit (SMD)
RLT	Robotic Lander Technology (SMD)
UCIS	Ultra Compact Imaging Spectrometer (SMD)

