

THE NATIONAL ACADEMIES

Advisers to the Nation on Science, Engineering, and Medicine

Committee to Assess U.S. Participation in Euclid

January 18-20, 2012

Washington, DC

Keck Center of the National Academies

500 Fifth Street, NW



***NOTE: The most up-to-date version of the agenda can be found on The National Academies Current Projects System at URL <http://tinyurl.com/8a967q2>. ***

WEDNESDAY, JANUARY 18, 2012

Room 204

All times given are in EST

EST	CLOSED SESSION	
	Welcome and plans for the meeting	
9:00	<i>Breakfast available</i>	
	OPEN SESSION	
9:30	Welcome and plans for the meeting	David Spergel, Chair
9:35	NASA discussion of a plan for U.S. participation in Euclid	Waleed Abdalati, NASA
10:05	<i>Discussion</i>	
10:35	Panel discussion with NASA Paul Hertz, Acting Director, Astrophysics Division Richard Griffiths, Euclid Program Scientist Rita Sambruna, WFIRST Program Scientist Lia LaPiana, Euclid and WFIRST Program Executive	All
11:30	ESA perspective on a plan for U.S. participation in Euclid (via videoconference)	Fabio Favata, ESA
(12:05)	<i>(Lunch will be available)</i>	
12:20	The Euclid mission (via videoconference)	Yannick Mellier, Institut d'Astrophysique de Paris
12:55	<i>Discussion with ESA and Euclid representatives</i>	
13:45	U.S. perspective on a U.S. contribution to Euclid	Jason Rhodes, JPL
14:05	<i>Discussion</i>	
14:20	Discussion of WFIRST and Euclid	Paul Schechter, MIT
14:40	<i>Discussion</i>	
14:55	<i>Break</i>	
15:15	Discussion of LSST, WFIRST, and Euclid	Steve Kahn, Stanford
15:35	<i>Discussion</i>	
15:50	Discussion of ground- and space-based dark energy missions via videoconference	David Weinberg, Ohio State University

16:10	<i>Discussion</i>	
16:25	Discussion of the current study in the context of <i>New Worlds, New Horizons</i>	Roger Blandford, Stanford
16:45	<i>Discussion</i>	
17:05	Discussion of the current study in the context of the “implementation” panel report via teleconference	Adam Burrows, Princeton
17:25	<i>Discussion</i>	
	CLOSED SESSION	
17:40	Committee Discussion	
18:30	<i>Go upstairs to Keck 1024 for dinner and discussion</i>	
18:45	Working dinner for the committee	
20:30	<i>Adjourn for the day</i>	



THURSDAY, JANUARY 19, 2012

Room 105

All times given are in EST

	CLOSED SESSION	
8:00	Breakfast and Discussion of previous days' talks	Committee
	OPEN SESSION	
9:00	WFIRST and Euclid impact on dark energy research	Michael Turner, U. Chicago
9:20	<i>Discussion</i>	
9:40	Discussion of Euclid and WFIRST gravitational lensing capabilities via WebEx	Chris Hirata, Caltech
9:55	<i>Discussion</i>	
10:10	Discussion of WFIRST and Euclid exoplanet microlensing	Dave Bennett, University of Notre Dame
10:30	<i>Discussion</i>	
10:45	Impact of current and future developments in microlensing on Euclid and WFIRST via WebEx	Dimitar Sasselov, Harvard University
11:05	<i>Discussion</i>	
11:20	Lessons learned from similar past NASA-ESA collaborations	George Helou, Caltech
11:40	<i>Discussion</i>	
11:55	Public Comment Session	
	CLOSED SESSION	
12:15	Committee Discussions <i>Break (Lunch will be available)</i>	
	OPEN SESSION	
14:30	Panel discussion with NASA Paul Hertz, Acting Director, Astrophysics Division	All

	*Other NASA representatives TBD	
	CLOSED SESSION	
15:50	Committee Discussion **Break out rooms (210 and 211) available	
18:00	<i>Adjourn for the day (dinner on your own)</i>	



FRIDAY, JANUARY 20, 2012

Room105

All times given are in EST

	CLOSED SESSION	
8:00	Committee Discussions **Break out rooms (210 and 211) available	
12:00	<i>(Lunch will be available)</i>	
	Committee discussion	
15:00	<i>Adjourn meeting</i>	

NOTES

Keck Center: Is located at 500 Fifth St. NW in Washington's Penn Quarter, adjacent to Judiciary Square and the Verizon Center. The closest Metro stations are Gallery Place/Chinatown (Red, Green and Yellow lines; take F St. exit and turn left) and Judiciary Square (Red line; take National Building Museum exit and turn left). Directions available at the following website: <http://www.nationalacademies.org/about/contact/nax.html>.

Parking: There is plenty of free parking in the Keck Center's underground lot. Access is at the F St. end of Sixth St.

The following information is provided for any members of the general public who may be in attendance:

This meeting is being held to gather information to help the committee conduct its study. This committee will examine the information and material obtained during this, and other public meetings, in an effort to inform its work. Although opinions may be stated and lively discussion may ensue, no conclusions are being drawn at this time and no recommendations will be made. In fact, the committee will deliberate thoroughly before writing its draft report. Moreover, once the draft report is written, it must go through a rigorous review by experts who are anonymous to the committee, and the committee then must respond to this review with appropriate revisions that adequately satisfy the Academy's Report Review committee and the chair of the NRC before it is considered an NRC report. Therefore, observers who draw conclusions about the committee's work based on today's discussions will be doing so prematurely.

Furthermore, individual committee members often engage in discussion and questioning for the specific purpose of probing an issue and sharpening an argument. The comments of any given committee member may not necessarily reflect the position he or she may actually hold on the subject under discussion, to say nothing of that person's future position as it may evolve in the course of the project. Any inference about an individual's position regarding findings or recommendations in the final report are therefore also premature.