

Large Mission Concept Decadal Studies Pause and Learn Meeting October 20-21, 2016

Location: Smithsonian S. Dillon Ripley Center, Washington DC (located between the “Castle” and the Freer Gallery)

Address: 1100 Jefferson Drive, SW Washington, DC. Enter from the copper domed kiosk on Jefferson Drive

Smithsonian Metro Exit (Mall Entrance) is closest metro station. Note there is **no parking at the museum**, parking is limited to street parking and commercial lots and garages. Please refer to website for details on parking. Metro is highly recommended.

Room: 3035 (3 levels down)

Website on Ripley Center: <http://www.si.edu/Museums/ripley-center>

Day 1: 8:15 a.m. - 4:15 p.m.

Detailed Agenda for Day 1:

8:15 -8:30 Breakfast snacks & coffee, Meet and Greet.

8:30 -9:00 Welcome and introductory remarks from Dr. Paul Hertz

9:00-9:15 Meeting logistics and introduction – Jeanne Davis

9:15 – 3:00 Study Team Report Outs – see break out of times for team presentations and list of topics below:

9:15 – 10:30: HabEx

10:30 – 11:45 LUVDIR

11:45- 12:30 Lunch

12:30 – 1:45: OST

1:45- 3:00: X-ray Surveyor

Each team provides: (1.25 hours for each team, including discussion time)

- Current status on study progress and approach;
 - What is the plan for activities for the current year and FY17, FY18 & 19;
 - How is your center teams organized, or planning to organize? What key disciplines will they focus on;
 - How is your team engaging with other STDTs and study teams;
 - Are there any common science/design areas between the STDTs?
 - If yes, discuss your strategy how do you (STDT leadership) plan to

address this; How can we take advantage of this to minimize the overlap.

- How are you engaging the center design labs;
- What support are you receiving from NASA center(s) and participating institutions (e.g., STScI, SAO);

- Description of External Community Involvement:
 - How are you engaging with industry;
 - How are you engaging with the scientific communities (e.g., presentations/splinter sessions at AAS, on-line colloquia, web sites)? What are processes, if any, for input/feedback from scientific communities;
 - Do you have an engagement plan with the non-professional public (e.g., social media, Google Hangouts, etc.);
 - What are your plans for international involvement; If already engaged, then share the approach;

- Lessons Learned & Moving Forward:
 - What barriers have you encountered and overcome or not overcome
 - Lessons learned so far on your study approach to share with the other teams;
 - What technology developments most useful to cut across the teams
 - Is there something that HQ or the PO can provide? Are there processes/requirements/deliverables from HQ or the POs that might be reduced or streamlined?
 - Do you have any issues or concerns at this time that may impact your final deliverables?
 - At this time, do you have any suggestions for NASA to consider that may improve the current process/communication?
 - is there merit in holding a joint technical information meeting with all STDTs to gauge the maturity level per STDT?

3:00-3:15: Break

3:15 - 4:00: Panel Discussion: Decadal Survey committee member – the decadal survey process and what was useful to the committee (Stephen Mackwell, Heidi Hammel)

4:00: Wrap Up

- Review Actions

Day 2 Next Page

DAY 2: 8:30 a.m.-2:45 p.m.

8:30-8:45 Breakfast snacks, Meet and Greet.

8:45 -10:30 Open Discussion

- Technology Development Needs Common to All/Most teams (Jeanne facilitates)
- Interim and Final Report Content (Jeanne, Moonie, Gary)

10:30-11:30 Discussion with Aerospace (Zig Leszczynski)

- Aerospace list of areas of focus for support to the teams
- Common guidelines to the teams regarding cost, technical approaches, risks
- Q&A

11:30-12:30: Lessons learned from WFIRST (Neil Gehrels, Jeff Kruk)

12:30-1:15 LUNCH

1:15-2:15: Guidance on Particular Architecture Assumptions

- Launch Vehicles – common set of assumptions, scalability, risks (Jeanne)
- Serviceability (John Gagosian)
- Communication systems (Jeff Hayes)

2:15-2:45 Meeting closeout and discuss next Pause and Learn (Jeanne facilitates)

- Actions
- What worked, didn't work
- Next meeting date and location