
AGENDA

Origins Space Telescope Face-to-Face Meeting #3

November 2-3, 2016

Day One (Nov. 2, 2016) - AM

- 7 AM: Tour of Ball Aerospace
- 8:00 AM coffee/breakfast
- 8:30 AM - 8:45 AM Chairs Welcome
- 8:45 AM - 9:15 AM Bill Purcell - Ball Aerospace interests in OST
- 9:15 AM - 9:30 AM Asantha/Margaret - Science groups to finalize science requirements (missing requirements)
- 9:30 AM - 10:30 AM 3 breakout sessions - led by SWG leads
 - Session 1: Extragalactic/Reionization
 - Session 2: MW/ISM/Local Galaxies
 - Session 3: Exo-planets/solar system
- 10:30 AM - 11:00 AM Summary of exoplanet sci. developments – Klaus/Eric/Tyler
- 11:00 - 11:15 AM Science imager requirement cases - Eli Dwek (remote/TBD)
- 11:15 - 11:30 AM Top-level science themes with full STDT (Cara)
- 11:30 - 12:00 PM Asantha/Margaret –
Adjustments to science requirements with full STDT

Day One (Nov. 2, 2016) - PM

- 12:00 PM - 1:00 PM *lunch talk*
Keith Warfield (JPL): survey of decadal surveys and lessons
- 1:00 PM - 2:00 PM Aerospace CATE process -Bob Bitten
- 2:00 PM - 3:00 PM Discussion and decision on number of architecture studies 1 or 2
- 3:00 - 3:30 PM *Break*
- 3:30-3:45 PM Instrument boundaries (Tom)
- 3:45 -4:00 PM Science requirements and instrument overview (Johannes)
- 4:00-4:15 PM Spectrometer (Bradford)
- 4:15-4:30 PM Spectrometer/Far-infrared imager/polarimeter (Johannes)
- 4:30-4:45 PM Heterodyne (Gerin)
- 4:45-5:00 PM Mid-IR instrument (Margaret overview/Sakon for JAXA)
- 5:00 - 5:45 PM breakout sessions
 1. MCWG group with Mirror material study (Phil Stahl)
 2. Exoplanet requirements continued (if necessary)
 3. Advocacy for Boulder townhall plan
- 5:45-6:00 pm Margaret/Asantha - first day summary
- 6 pm **Adjourn - Overnight: STDT members think about which instrument or instruments they want to support the development of...There will be a signup online**

Day Two (Nov. 3, 2016) - AM

- 7:00 AM Ball Aerospace Tour
- 7:30 AM *Coffee/Breakfast*
- 8:00AM Deadline for signing up for instrument team online
- 8:00 - 8:30 AM Study plan and design sessions overview (Ruth/Dave)
- 8:30 AM - 9:15 AM Optical designs (Joe Howard)
- 9:15 AM - 10:00 AM Mechanical designs (Drew Jones)
- 10:00 AM - 10:30 AM *break*
- 10:30 AM - 11:00 AM Jon Arenberg/Northrop Grumman
Issues of architecting a large cold telescope
- 11:00 AM - 11:30 AM John Steeves/JPL
Adaptive technologies and cold deformable mirrors
- 11:30 AM - 12:00 PM Jonathan Hohman (JSC)
JSC Test Chamber talk
- 12:00 pm -1:00 PM *lunch* - lunch talk
10m SAFIR what happened (Dominic Benford)

Day Two (Nov. 3, 2016) - PM

- 12:00 pm -1:00 PM *lunch* - lunch talk
10m SAFIR what happened (Dominic Benford)
- 1:00 PM - 1:30 PM Margaret/Asantha
Instrument team assignments/charge to instrument teams
- 1:30 PM - 3:00 PM Instrument breakout
Joint STDT members in each instrument team:
 1. Spectrometer/imager
 2. Heterodyne
 3. mid-IR/coronagraph
- 3:00 PM - 3:30 PM *break*
- 3:30 PM - 4:00 PM Instrument team summarizes on the study plans to full STDT
- 4:00 PM - 4:30 PM Advocacy plan - Desika/Cara
AAS plan; talks and conferences; updated flyer...swag?
- 4:30 -5:00 PM Meixner/Cooray – Summary on the outcome of sci./instr.
Action items
- 5:00 PM **Adjourn**