AGENDA

Origins Space Telescope
Face-to-Face Meeting #4

Pasadena, CA

March 21-22, 2017

Ruth.C.Carter@nasa.gov
Day One (Mar 21, 2017, Tuesday) - AM

- 8:00 am PDT  coffee/breakfast
- 8:30 am  Welcome/Introduction Meixner/Cooray
  - Meeting Objectives
- 8:45 am  Study Office Carter
  - Status, Staffing
  - Study Schedule: FY17 Req. & Plan

OST ‘Strawman’ Mission Concept Design
- 9:00 am  OST Mission Concept Overview Flores
  - Options/Trades/Mission Design Drivers
- 9:25 am  Telescope/Optical Designs Howard
- 9:50 am  Mechanical Design Jones (remote)
  - Packaging/Deployment Telescope/Optical Designs
- 10:20 am  OST Attitude Control System Stoneking
- 10:40 am  BREAK
- 10:55 am  Thermal Architecture DiPirro
- 11:20 am  Thermal Modelling Fantano
- 11:45 am  Mission ROM Cost Estimates Flores
- 12:15 pm  Lunch
Day One (Mar 21, 2017, Tuesday) - PM

- 12:15pm PDT  
  LUNCH

Exoplanet Science

- 1:00 pm  
  NASA Exoplanet Exploration Program Overview  
  Eric Mamajek

- 1:10 pm  
  UVOIR & HabEx Update and Exoplanet Science  
  Karl Stapelfeldt

- 1:35 pm  
  ExEP Standards Team, Connect with OST  
  Rhonda Morgan

- 1:55 pm  
  OST Capabilities for Exoplanet science  
  David Leisawitz

- 2:05 pm  
  Exoplanets, and OST Exoplanet working group  
  Lisa Kaltenegger

- 2:35 pm  
  Exoplanets & Coronagraphy  
  Dimitri Mawet

- 3:05 pm  
  BREAK

- 3:20 pm  
  Coronagraphy, Exoplanets and OST  
  Eric Nielsen

- 3:50 pm  
  Transiting Exoplanets  
  Kevin Stevenson

- 4:20 pm  
  Exoplanets, transits  
  Tiffany Kataria

- 4:50 pm  
  Mid-IR Imager Spectrometer Coronagraph (MISC)  
  Itsuki Sakon

- 5:20pm  
  Adjourn
Day Two (Mar. 22, 2017, Wednesday) - AM

- 8:00 am PDT  
  **Coffee/Breakfast**

**Instrument Concepts - continued**

- 8:30 am  
  Instrument Interfaces, volume Kellogg (Remote)  
  - On/Off Axis Telescope and Instruments

- 9:00 am  
  Heterodyne Instrument (HI) Wiedner

- 9:30 am  
  Far-IR Polarimeter Imager (FIP) Staguhn

- 10:00 am  
  **BREAK**

- 10:15 am  
  High-Res Spectrometer (HRS) Moseley

- 10:45 am  
  Med-Res Survey Spectrometer (MRRS) Bradford

- 11:15 am  
  OST Field of Regard (FOR) Leisawitz

- 11:30 am  
  Minimum Science Meixner/Cooray/Leisawitz  
  - ex. JWST

- 12:00 pm  
  **LUNCH**
Day Two (Mar. 22, Wednesday) - PM

- 12:00 pm PDT  
   **LUNCH**

- 12:45 pm  
  Plenary Session  
  Meixner/Cooray  
  - FIP  
    Staguhn/Vieira
  - Spectrometers  
    Moseley/Bradford/Wiedner
  - Mid-IR  
    Roellig/Sakon

  *Note: need to ensure all 5 instruments can be accommodated in the Instrument Accommodation Module (IAM)- IAM configuration and volume for on-axis and off-axis telescope are different.*

- 3:00 pm  
  **BREAK**

- 3:15 pm  
  **OST Telescope Configuration Selection**  
  Carter
  
  - STDT selection of OTA Configuration: on-/off- axis

- 3:30 pm  
  Far-IR Sky Model  
  Leisawitz

- 4:00 pm  
  Simulation Tools  
  Armus

- 4:30 pm  
  Meeting Summary  
  Meixner/Cooray
  - Plans/objectives for next Face-to-Face meeting

- 5:00 pm  
  **Adjourn**