

ExoPAG/COPAG Working Group Meeting #1

April 26, 2011

- 08:30-08:40 Welcome and Introductions (Sembach)
- 08:40-09:00 Opening Remarks (Mountain)
- 09:00-09:45 ExoPag Science (Kasting)
- 09:45-10:30 COPAG Science (Postman)

- 10:30-10:45 Break

- 10:45-11:30 ExoPlanet Architecture (Noecker)
- 11:30-12:15 UVOIR Technology Needs (Sembach)

- 12:15-01:15 Lunch

- 01:15-03:30 Open Discussion / Q&A

Discussion Questions

1. What astrophysics applications would benefit from an internal coronagraph or starshade light suppression system needed for Exoplanet characterization?
2. What common requirements do an Exoplanet characterization observatory and a general purpose astrophysics observatory share? (Let's produce a list)
3. What requirements for these observatories are presently believed to be at odds with each other? (Let's produce a list)
4. What technology investments are needed to overcome the conflicts identified in question #3, and on what timetable are they needed?
5. What are the next steps for this working group to take in crafting a set of recommendations to the PAGs (and ultimately to NASA)?

Meeting Purpose

- This meeting begins a dialog for ExoPAG and COPAG activities aimed at identifying key technology needs for a future large UVOIR telescope based on strategic goals.
 - May consider science drivers, technology readiness, cost effectiveness, impact (figures of merit), etc...
- This meeting provides a forum for information and ideas to be brought forward for consideration in these PAG activities.
- This meeting is not intended to select or promote specific technology solutions, mission implementations, or telescope architectures.
 - This will be done through other processes.