COPAG at the AAS

COPAG relevant splinter descriptions follow the schedule

Sat. Jan. 4
10 am - 12 noon UVSIG and TIG splinter, Hilton Hawiian Village, Jason Tumlinson & Sarah Tuttle
1-3 pm NASA Joint PAG session, Coral Ballroom 1, Hilton Hawaiian Village,
3-6 pm COPAG splinter, Coral Ballroom 1, Hilton Hawaiian Village, - Margaret Meixner

Sunday Jan. 5
9:30–11:30 am Great Observatories Report splinter, Room 323 A, Convention Center, Lee Armus & Tom Megeath

Tuesday, Jan. 7
9:30–11:30 am IRSIG splinter, Room 304 AB Convention Center, Naseem Rangwala, Eric Murphy
2–3 pm Cosmic Dawn SAG, Room 323 C Convention Center, Steven Finkelstein & Claudia Scarlata

Full details of all COPAG relevant events including dial-in information can be found online at:

https://cor.gsfc.nasa.gov/copag/AAS_Jan2020/COPAG_Activities_Jan2020AAS.php

UVSIG and TIG joint splinter session

This splinter features a joint session of the UV Science Interest group, led by Jason Tumlinson, and the technology interest group (TIG), led by Sarah Tuttle. The session will include a review of the Astro2020 Decadal white papers relevant to UV science and technology areas. There will be a discussion of technology advancement needs for all astrophysics missions. It will end with a discussion of future directions for UV science.

COPAG splinter: Cosmic Origins opportunities with JWST

JWST Cycle 1 call is on the horizon and it's time to start thinking about science with JWST. This splinter will feature talks and discussion about JWST science: Klaus Pontoppidan (Cycle 1 Call), Ryan Lau (ERS program on W-R stars); Sylvan Vielleux (ERS program on Quasars); Steven Finkelstein (ERS program on high-z galaxy surveys); Michael Meyer (GTO program on star formation); Andras Gaspar (GTO program on debris disks). The splinter will end with an overview of COPAG activities and opportunities for community involvement with COPAG acitivites by COPAG EC Chair, Margaret Meixner.

Great Observatories: the Past & Future of Panchromatic Astrophysics

Final report is available online: https://cor.gsfc.nasa.gov/sags/sag10/Great_Observatories_sag-10_v31.pdf

NASA's Great Observatories (Hubble, Compton, Chandra, and Spitzer) opened up the electromagnetic spectrum from space, providing the scientific community with a flexible and powerful suite of telescopes with which to attack a broad range of scientific questions and react to a rapidly changing scientific landscape. As the existing Great Observatories age, or are decommissioned, access to the electromagnetic spectrum from space is diminishing, with an accompanying loss of scientific capability. This not only has the potential to significantly impede progress in astrophysics, but may also erode technical and scientific expertise in key wavelength regimes. To analyze the impact of losing wavelength coverage, the Great Observatories Science Analysis Group (SAG-10) was organized by NASA's Cosmic Origins Program Analysis Group, with support from the Physics and Exoplanet Program Analysis Groups. This session will review the analysis and conclusions reached by this group, in particular the importance of panchromatic coverage, basic lessons from the Great Observatories, and possible strategies for maintaining coverage into the forthcoming decades.

IR SIG splinter session: "The role of Infrared Astronomy in NASAs Strategic Vision to 2030"

All are welcome to join the IR SIG splinter session to hear talks on current and future missions under the IR SIG purview as well as a panel discussion focussed on the role of infrared observations over the coming decade. Confirmed invited speakers include Phil Korngut (SPHEREx), Paul Goldsmith (ASTHROS), Tiffany Kataria (Origins), Hal Yorke (SOFIA) and Matt Bradford (SPICA).

More details on the IR SIG and the AAS activities are found here: https://www.dropbox.com/s/imen999xdsnefvd/AAS_flyer_v1.pdf?dl=0

Cosmic Dawn, SAG11

The NASA COPAG is soliciting involvement in a Cosmic Dawn Science Analysis Group (SAG #11). This SAG will assess what questions relating to reionization and galaxy evolution in the very early universe will remain after the JWST mission, and will i) assess the potential for future NASA flagship missions or proposed probe-class missions to answer these questions, ii) explore

what investigations can be done with current telescopes and archives, and iii) identify the need for coordinated multi-observatory programs and/or simulation efforts towards these goals. The goal of SAG11 is to analyze the above questions and compose and publish a report, delivered to NASA HQ, by the end of 2020.

SAG11 will kick off with a discussion session at the Jan 2020 AAS on Tuesday January 7 at 2-3 pm, and we are now soliciting members of the astronomy community for this SAG. If interested, please fill out the form, linked below, by 31 Jan 2020. We encourage applicants at all career stages.

https://forms.gle/PmJfW4ULtYYwGRUD7