

Cosmic Origins-Relevant Activities at the AAS

Tuesday, January 3

10 am – 12 noon

NASA COPAG UV/Vis Science Interest Group, Hilton* Pheasant Ridge
NASA COPAG Cosmic Dawn Science Interest Group, Hilton* Piney Woods

1:30pm – 6:00pm

NASA PAG Joint PAG meeting, Hilton*, Val Verde

1:30pm – 3:00pm State of NASA Astrophysics Division, Paul Hertz (NASA HQ)

3:00pm – 3:30pm ESA L3 Study (Gravitational Waves), David Shoemaker (MIT)

4:00pm – 4:30pm Lynx (X-ray Surveyor) Study, Alexi Vikhlinin (SAO)

4:30pm – 5:00pm Origins Space Telescope (Far-IR Surveyor) Study, Margaret Meixner (STScI)

5:00pm – 5:30pm Habitable Exoplanet Mission (HabEx) Study, Scott Gaudi (OSU)

5:30pm – 6:00pm LUVOIR Study talk, Brad Peterson (OSU & STScI) and Debra Fischer (Yale)

* COPAG and Joint PAG meetings will be at DFW Lakes Hilton. Buses will provide transportation between the Gaylord and the Hilton throughout the day. (Schedule will be posted at when available.)

7:00pm – 8:30pm

Meet the COPAG EC: Paul Scowen (chair), COR Table, NASA Booth, Exhibit Hall

7:15pm – 7:30pm

Hyperwall talk: “The Beginning of the JWST Science Mission”, Klaus Pontoppidan (STScI), NASA Booth, Exhibit Hall

Cosmic Origins Activities at the AAS

Wednesday, January 4:

8:30 am - 9:20am

Plenary Session: Early Solar System Bombardment: Exploring the Echos of Planetary Migration and Lost Ice Giants, William Bottke (SwRI), Texas A

9:20am – 10am

Meet the COPAG EC (TBD): COR Table, NASA Booth, Exhibit Hall

9:50am – 10:00am

Hyperwall Talk: “Big Bang to Biosignatures: the LUVOIR Decadal Mission Concept Study”, Jason Tumlinson (STScI), NASA Booth, Exhibit Hall

10am – 11:30am

Session 106: Ground-based and Airborne Instruments, Grapevine B

Session 111 (HAD II): History of Infrared Astronomy from Above the Atmosphere, Texas 3

11:40am – 12:30pm

Annie Jump Cannon Plenary Session: The Tumultuous Lives and Deaths of Stars, Laura Lopez (OSU), Texas A

12:00noon – 12:15pm

Hyperwall Talk: “Extragalactic Science with the Origins Space Telescope”, Alex Pope (UMass Amherst), NASA Booth, Exhibit Hall

12:45pm – 1:45pm

NSF Town Hall, 12:45 Texas C

1:00pm – 3:30 pm

Science of X-ray Surveyor, San Antonio 1

2:00 pm – 3:30pm

Session: Big Bang to Biology: What Can I Do with LUVOIR, Fort Worth 1

3:40pm – 4:30pm

Henry Norris Russell Lectureship: How Stars Form, Christopher McKee (UC Berkeley) Texas A

4:45pm – 5:00pm

Hyperwall Talk: “Spitzer ‘Beyond’ “, Lisa Storie-Lombardi/Sean Carey (IPAC)

5:00pm – 5:15pm

Hyperwall Talk: “Hubble: Recent Discoveries and Future Promise”, Jason Kalarai (STScI), NASA Booth, Exhibit Hall

Cosmic Origins Activities at the AAS

Wednesday, January 4 (cont.):

5:30pm – 6:30pm

Meet the COPAG EC, (TBD) COR Table, NASA Booth, Exhibit Hall

7:30pm – 9:00pm

Science Opportunities with the NASA K2 and TESS Missions, Texas C

Cosmic Origins Activities at the AAS

Thursday, January 5:

9:30 – 10:00am

Meet the COPAG EC: (TBD), COR Table, NASA Booth, Exhibit Hall

9:50am – 10:05am

Hyperwall Talk, “Solar System and Exoplanet Science with Origins Space Telescope”, Stefanie Milam (NASA/GSFC), NASA Booth, Exhibit Hall

10:00am – 11:30 am

Session 209. Making Great Observatories Even Better: Hubble's Hand in Studying the Multi-Wavelength Universe, Texas 1

Session 206: .Space Missions from Cubesats to LUVOIR, Texas 5

11:40am – 12:30pm

Plenary Talk: What We Don't Know about the Beginning of the Universe, Sean Carroll (Caltech), 11:40 - 12:30 pm, Texas A

12:15pm – 12:30pm

Hyperwall Talk, “Big Bang to Biosignatures: the LUVOIR Decadal Mission Concept Study”, Courtney Dressing (Caltech), NASA Booth, Exhibit Hall

12:45pm – 1:45pm - NASA Town Hall, Paul Hertz, Texas C

2:00 - 3:30 pm

Session 227. W. M. Keck Observatory: A Resource for NASA and the Entire US Community, Texas 5

3:40pm – 4:30pm

Dannie Heineman Prize for Astrophysics: Increasing Accuracy and Increasing Tension in H_0 , Wendy Freedman (University of Chicago), Texas A

4:30pm – 5:20pm

HEAD Bruno Rossi Prize: A Good Hard Look at Growing Supermassive Black Holes in the Distant Universe, W. Neil Brandt (PSU), , Texas A

4:30pm – 4:45pm

Hyperwall Talk, “IPAC(TBD)”, NASA Booth, Exhibit Hall

5:00pm -5:15pm

Hyperwall Talk, “The Infrared Universe: Redshifted”, Gordon Squires/Robert Hurt (IPAC), NASA Booth, Exhibit Hall

5:15pm – 5:30pm

Hyperwall Talk, “SOFIA Science Spectra and Next Cycle Plan”, Andrew Helton (??), NASA Booth, Exhibit Hall

Cosmic Origins Activities at the AAS

Thursday, January 5 (cont):

5:00pm – 6:30pm

Meet the COPAG EC: (TBD), COR Table, NASA Booth, Exhibit Hall

5:30pm – 6:30pm

Poster Session 238, Space Missions & Instrumentation (includes 8 OST posters)

Poster Session 239, Making Great Observatories Even Better: Hubble's Hand in Studying the Multi-Wavelength Universe

6:30pm – 8:30pm

Proposing for the James Webb Space Telescope, Grapevine C

7:30pm – 9:00pm

WFIRST Status and Science Opportunities, Grapevine B

Cosmic Origins Activities at the AAS

Friday, January 6:

9:30am – 10am

Meet the COPAG EC: (TBD), COR Table, NASA Booth, Exhibit Hall

10:00am – 11:30am

Session 305: Galactic Archaeology with Kepler and K2, Grapevine B
Thirty Meter Telescope Open House, Yellow Rose Ballroom

11:40am – 12:20pm

Newton Lacy Pierce Prize: The Chemistry of Planet Formation, Karen Öberg (Harvard-Smithsonian, CfA), Texas A

12:00noon – 12:15pm

Hyperwall talk, “Big Bang to Biosignatures: the LUVOIR Decadal Mission Concept Study”, John O’Meara (St. Michaels), NASA Booth, Exhibit Hall

12:30pm - 3:30 pm

NASA COPAG-Far-Infrared SIG Meeting, San Antonio 1

12:45pm - 1:45pm

Astro2020: The Next Decadal Survey of Astronomy and Astrophysics, Grapevine C

2:00pm - 3:30pm

Session 328: CubeSats in Astronomy & Astrophysics, Grapevine 2

3:40pm – 4:20pm

Helen B. Warner Prize, Feedback: Now with Physics, Philip Hopkins (Caltech), 3:40 - 4:30 pm, Texas A

4:30pm – 5:20pm

Plenary, Astronomy from the Upper Stratosphere: Key Discoveries and New Opportunities from High Altitude Scientific Balloons, Laura Fissel (Northwestern), Texas A

5:00pm – 6:30pm

Meet the COPAG EC: (TBD), COR Table, NASA Booth, Exhibit Hall

5:30pm – 5:45pm

Hyperwall talk, “Galactic Science with Origins Space Telescope”, Chat Hull (SAO), NASA Booth, Exhibit Hall

Cosmic Origins Activities at the AAS

Saturday, January 7:

8:30am – 9:20am

Lancelot M. Berkeley Prize: Exploring for Galaxies in the First Billion Years with Hubble and Spitzer - Pathfinding for JWST, Garth Illingworth (UCSanta Cruz), Texas A

9:30pm – 10:00pm

Meet the COPAG EC: (TBD), COR Table, NASA Booth, Exhibit Hall

10:00am - 11:30 am

Session 405: NASA's 2020 Decadal Studies: An Update, Grapevine B

11:40am – 12:30pm

Plenary Talk: The 21st Century: The Century of Biology on Earth and Beyond, Jill Tarter (SETI Institute) 11:40 - 12:30 pm, Texas A

4:30pm - 5:20pm

Plenary Talk: How Supermassive Black Hole Feedback Might Work, Megan Donahue (Michigan State University), 4:30 - 5:20 pm, Texas A