



Monday, December 12th

Session 1:

- 09:00 - Welcome: Nancy Levenson
- 09:10 - Jane Rigby: The Science Performance of JWST
- 09:50 - Mario Gennaro: NIRCам status, Operations and Performance
- 10:10 - Macarena Garcia Morena: MIRI status, Operations and Performance
- 10:30 - Break
- 11:00 - Paul Goudfrooij: NIRISS status, Operations and Performance
- 11:20 - Charles Proffitt: NIRSpec status, Operations and Performance
- 11:40 - Karl Gordon: JWST Pipeline and Calibration Program
- 12:00 – Lunch

Session 2:

The End of the Dark Ages

- 13:00 - Emma Curtis-Lake: First results from the JADES NIRCам and NIRSpec survey
- 13:15 - Rachel Bezanson: The UNCOVER Treasury Program: An Ultradeep Early JWST Community Deep Field
- 13:30 - Steven Finkelstein: The Cosmic Evolution Early Release Science Survey
- 13:45 - Feige Wang (v): A Spectroscopic survey of biased halos In the Reionization Era (ASPIRE): The Discovery of Multiple Megaparsec-scale Galaxy Overdensities in the Epoch of Reionization
- 14:00 - Guido Roberts-Borsani: First Light With JWST - Unveiling Galaxy Populations and Their Properties at Cosmic Dawn
- 14:15 - Dan Coe: JWST Imaging of Lensed High-Redshift Galaxies the Earendel Star System
- 14:30 - Break and Poster Session

Session 3

Assembly of Galaxies

- 15:30 - Rongmon Bordoloi: The EIGER Survey: Characterizing the Early Cosmic Ecosystems with JWST
- 15:45 - Adam Carnall (v): A surprising abundance of massive quiescent galaxies at $3 < z < 5$ in the first data from JWST
- 16:00 - Jeyhan Kartaltepe: The Growth of Galaxy Structure, as Told by Early JWST Imaging
- 16:15 - Karla Ziboney Arellano-Cordova: Unveiling Chemical Evolution of C, O and Ne at $z > 7$ galaxies with JWST/NIRSpec
- 16:30 - Massimo Pascale: Unscrambling the Lensed Arcs in SMACS J0723
- 16:45 - Hannah Uebler (v): An intermediate-mass Black Hole at $z \sim 5.55$ with NIRSpec/IFS
- 17:00 - Brant Robertson (v): First Results on the Earliest Galaxies from the JADES/NIRCam Program

Tuesday, December 13th

Session 4

Star Formation and Stellar Populations

- 09:00 - Megan Reiter: Deep diving off the 'Cosmic Cliffs': previously hidden outflows in NGC 3324 revealed by JWST
- 09:15 - Divakara Mayya: On the origin of a kiloparsec size superbubble in the JWST/MIRI images of the "phantom galaxy" NGC628
- 09:30 - Jessica Sutter: PHANGS-JWST First Results: Tracing PAHs Throughout the ISM
- 09:45 - Yao-Lun Yang: JWST/MIRI Observations of a Class 0 Protostar IRAS 15398-3359: Organic Chemistry from Ice to Gas
- 10:00 - Nardiello Domenico (v): Photometry and astrometry with JWST: first scientific results in the field of resolved stars.
- 10:15 - Matteo Correnti: Stellar Populations in the Globular Star Cluster 47 Tucanae
- 10:30 - Break

Session 5

Stellar Physics and Stellar Life Cycle

- 11:00 - Chris Ashall: A Mid-Infrared spectrum and models of the type Ia Supernovae 2021aefx: the thermonuclear explosion of a near Chandrasekhar mass Carbon-Oxygen White Dwarf

- 11:15 - Jacob Jencson: Demystifying Unusual Infrared Transients with JWST
Spectroscopy
- 11:30 - Ryan Lau: Nested Dust Shells around the Wolf-Rayet Binary WR 140 observed with JWST
- 11:45 - Margaret Meixner: The ring and ejecta of the iconic SN1987A revealed by the MIRI/MRS
- 12:00 - Roger Wesson (v): JWST imaging and Spectroscopy of the Ring Nebula
- 12:15 – Lunch

Session 6

Planetary Systems and the Origins of Life

- 13:15 - Imke de Pater: JWST Observations of the Jovian System from Commissioning and ERS data
- 13:30 - Michael S. P. Kelley: Discovery of Water in a Main-Belt Comet
- 13:45 - Cyrielle Opitom (v): A unique view of frozen comet Hale-Bopp with JWST
- 14:00 - Pablo Santos-Sanz (v): Unveiling the ringed centaur (10199) Chariklo from JWST through a stellar occultation
- 14:15- Geronimo Villanueva: Astrobiology with JWST: Searching for life and habitability in our Solar System
- 14:30 - Ian Wong: Kuiper Belt Science with JWST
- 14:45 - Break and Poster Session

- 16:00 - Björn Benneke: JWST/NIRSpec Transmission Spectroscopy of the Habitable-Zone Exo-Earth TRAPPIST-1g
- 16:15 - Eliza Kempton: The Thermal Emission Phase Curve of the sub-Neptune Exoplanet GJ 1214b with MIRI LRS
- 16:30 - Jacob Bean: The metallicities and carbon-to-oxygen ratios of giant exoplanets
- 16:45 - Michael Radica: A First Look Transmission Spectrum of WASP-96b with NIRISS/SOSS

Wednesday, December 14th

Session 7

Planetary Systems and the Origins of Life

- 09:00 - Olivier Berné (v): PDRs4All : a molecular photoevaporation flow from a young protoplanetary disk as revealed by JWST
- 09:15 - Giulia Perotti (v): First JWST-MIRI MRS results on the PDS 70 planet-forming disk
- 09:30 - Maria Claudia Ramirez-Tannus: Planet-Forming Disks in Extreme Radiation Environments
- 09:45 - Brittany E. Miles: The JWST Early Release Science Program for Direct Observations of Exoplanetary Systems II: A 1 to 20 Micron Spectrum of the Planetary-Mass Companion VHS 1256-1257 b
- 10:00 - Kevin Stevenson: First Results from the JWST Transiting Exoplanet Community ERS Program
- 10:15 - Polychronis Patapis: The first mid-infrared Y dwarf spectrum reveals its “cool” molecular features!
- 10:30 – Break

Session 8

Assembly of Galaxies

- 11:00 - Timothy Carleton: Ultra-Diffuse Galaxies Observed in the El-Gordo Cluster with JWST
- 11:15 - Sean Linden: Revealing the Hidden Star Formation in VV 114 with JWST
- 11:30 - Kedar A Phadke: High-redshift spatially resolved Paschen-alpha detection from the ERS program TEMPLATES
- 11:45 - Justin Spilker: Resolving The Smallest Dust Grains in the Early Universe
- 12:00 - Lunch
- 13:00 - John Silverman: Opening an era of quasar host studies at high redshift with JWST
- 13:15 - Erin K. S. Hicks (v): GATOS JWST Observations of Local AGN: Polar Dust and Feedback in Multiphase Outflows
- 13:30 - Thomas Lai: Tracing AGN Feedback on the Star-Forming ISM in NGC 7469 with JWST
- 13:45 - Madeline Marshall (v): First High-z Quasar Results from the NIRSpec IFS GTO Program
- 14:00 - Bruno Rodríguez Del Pino (v): Spatially-resolved ISM properties of high star-forming galaxy at $z \sim 3.7$ as seen by JWST.
- 14:15 - Jinyi Yang (v): First Look at the Rest-frame Optical Spectra and Quasar Host Galaxies of $z > 6.5$ Quasars using Early ASPIRE Data
- 14:30 - John Mather: Getting JWST to space, what might we find, and what's next?
- 16:00 - SDAS - Beer & snacks

Thursday, December 15th

Optional Workshop

The workshop day will consist of presentations and tutorials by STScI staff about the JWST pipeline, proposal planning tools, data analysis tools, and WebbPSF. Users should bring a laptop installed with the latest versions of APT, ETC, Jdaviz, WebPSF, and the JWST pipeline to work through the provided examples. More information on installation and the required data will be provided the week before the conference. In person registrants are welcome to attend (advance registration required). There will be no participation for virtual attendees.

- 9:00 - Introductions and Logistics
- 9:30 - Auditorium: Proposal Planning, Café Con: Data Analysis
- 11:30 - Hacking and Lunch
- 1:30 - Auditorium: Pipeline, CafeCon: webbPSF