Day 1	Monday Oct 6th	
Time	**Speaker**	**Title**
Session 1: Exoplanets		***[chair: Shooby Hemmati]***
09:00–09:15	Tom Greene, Shooby	Welcome to IPAC, Logistics
09:15–09:30	Tom Greene	Characterizing exoplanet atmospheres with the JWST MANATEE program
09:30–09:45	Klaus Pontoppidan	How infrared spectroscopy of protoplanetary disks help us understand the chemistry of planets
09:45–10:00	Tiffany Kataria	Characterizing giant exoplanet atmospheres across the infrared: past, present, and future
10:00–10:15	Zafar Rustamkulov	Stars, Brown Dwarfs, and Exoplanets with SPHEREx
Break 10:15–10:30		
Session 2: Stars		***[chair: Lin Yan]***
10:30–10:45	Gary Melnick (virtual)	SPHEREx: The Next Step in Our Investigation of the Ice Content of the Milky Way and Magellanic Clouds
10:45–11:00	Jacob Jencson	A JWST View of the Dynamic ISM with Thermal Echoes of Cas A
11:00–11:15	Katie Sharpe	Obtaining Stellar Spectroscopic Abundances Beyond the Milky Way System With JWST
11:15–11:30	Viraj Karambelkar	Studying stellar mergers with IR spectroscopy
11:30–11:45	Sam Rose	Searching for sources of carbonaceous dust grains with JWST spectroscopy
Lunch 12:00–13:30		
Session 3: Milky Way & Local Group		***[chair: Jacob Jencson]***
13:30–13:45	Paul Goldsmith	JWST Observations of the 17 μm H_2 Line Probing Turbulent Dissipation in the Diffuse ISM
13:45–14:00	Soumyadeep Bhattacharjee	Probing the Galactic Warm Ionized Medium with mid-IR fine structure lines
14:00–14:15	Laurie Chu	High-precision JWST extinction curve at AV=30 toward the collapsing core LDN 694-2
14:15–14:30	Aurora Kesseli	NASA's Pandora SmallSat Mission: Multiwavelength Characterization of Exoplanets and their Host Stars
14:30–14:45	Rebeca Gutierrez (virtual)	Polarimetric analysis of the star binary system WR140
Break 14:45–15:00		
Session 4: Molecular Clouds		***[chair: Laurie Chu]***
15:00–15:15	Victorine Buiten (virtual)	A JWST view of the dense molecular gas in luminous infrared galaxies
15:15–15:30	Marina Bianchin (virtual)	A census of the warm molecular gas in local (U)LIRGs
15:30–15:45	Lin Yan	Halfway to the Peak: H_2 molecular gas at z≈0.6 with JWST Mid-IR Spectroscopy
15:45–16:00	Philip Appleton	Destruction, reformation and survival of cold and warm molecular gas in Stephan's Quintet
16:00–16:15	Huei Sears	A NIR/MIR Spectroscopic Sample of Type Ia Supernovae Observed with JWST
Break 16:15–16:30		
Panel Discussion:		
16:30–17:00	Tom Greene, Aurora Kesseli, Tiffany Kataria, Mansi Kasliwal	

Day 2	Tuesday Oct 7th	
Time	**Speaker**	**Title**
Session 1: AGNs		***[chair: Jeyhan Kartaltepe]***
09:00–09:15	Vivian U	Unveiling Hidden Giants: Infrared Spectroscopy Illuminates Obscured AGN Feedback
09:15–09:30	Yu Sophia Dai (virtual)	Active galactic nuclei and mergers in IR-bright galaxies
09:30–09:45	Maddie Silcock	From Cosmic Dawn to Cosmic Noon: Spectroscopic Characterisation of Obscured AGN and their Hosts with JWST
09:45–10:00	Lulu Zhang	New Observations, New Insights — Unraveling AGN Feedback with Spatially Resolved JWST Spectroscopy
10:00–10:15	Pallavi Patil (virtual)	Constraining the AGN Impact on the ISM in Simulated and Observed Galaxies Near and Far
Break 10:15–10:30		
Session 2: Galaxies, Star Formation & Structure		***[chair: Vivian U]***
10:30–10:45	Laura Lenkic	New Views on Extreme Starbursts: Clumps in Local ULIRGs with JWST NIRSpec
10:45–11:00	Maria Koller (vitual)	Exploring Gas-Phase Metallicity Gradients at z ~ 7–9 with JWST/NIRSpec IFU
11:00–11:15	Ivana Barisic	MSA-3D: Spatially Resolved Star Formation and ISM Content Across the Epoch of Thin Disk Emergence
11:15–11:30	Ali Hadi	A Spatial Study of Star-Formation Burstiness in ALPINE-CRISTAL-JWST Galaxies
11:30–11:45	Wuji Wang	Mapping dust grains in z=1 main-sequence galaxies with JWST MIRI IFU
11:45–12:00	Phoebe Heretz	A New Optical Rest-frame Metallicity Diagnostic for Low-Resolution Surveys
Lunch 12:00–13:30		
Session 3: Galaxies, Metallicity & Quiescents		***[chair: Wuji Wang]***
13:30–13:45	Pablo Pérez-González	The structure, history and circumgalactic medium of a massive quiescent galaxy and its companion dusty starburst at z~4
13:45–14:00	Carter Flayhart	The Evolution of the High Redshift Quiescent Population in COSMOS-Web
14:00–14:15	Letizia Bugiani	Ionized Gas Emission Lines at Cosmic Noon with JWST/NIRSpec
14:15–14:30	Keunho Kim	Lighting Up the Early Universe: Constraining the Ionizing Budget of Dwarf Galaxies at Cosmic Noon
Break 14:30–14:45		
Session 4: More Galaxies		***[chair: Ivana Barisic]***
14:45–15:00	Jeyhan Kartaltepe	POPPIES: The Public Observation Pure Parallel Infrared Emission-Line Survey
15:00–15:15	Brittany Vanderhoof (virtual)	POPPIES in Bloom: Extracting First Light from JWST NIRCam Pure Parallel Survey
15:15–15:30	Anika Kumar	Characterizing the Star-Forming Main Sequence of Low-Mass, High-Redshift Galaxies in POPPIES
15:30–15:45	Anahita Alavi	Dust attenuation in dwarf galaxies at cosmic noon: Insights from JWST, HST, and Keck and more to come from Euclid
Break 15:45–16:00		
Panel Discussion:		
16:00–17:00	Lee Armus, Vivian U, Matt Bradford, Vandana Desai	
18:30-21:00	**Conference Dinner at the Caltech Athenaeum**	

Day 3	Wednesday Oct 8th	
Time	**Speaker**	**Title**
Session 1: PAHs & Dust		*[chair: Ali Khostovan]*
09:00–09:15	Thomas Lai	How Do the Small Survive: Resolving PAH Emission in the Blue Compact Dwarf IIZw40 with JWST
09:15–09:30	Denis Burgarella (Virtual)	Forging the first dust grains in the Universe and explain the excess of JWST's UV bright galaxies, from NIRCam+NIRSpec data
09:30–09:45	Benedetta Vulcani	JWST Unveils Dust Emission and Stripping in Cluster Galaxies at z~0.3
09:45–10:00	Yun-Ting Cheng	Feature Intensity Mapping: Polycyclic Aromatic Hydrocarbon Emission from All Galaxies Across Cosmic Time
Break 10:00–10:30		
Session 2: Galaxies & Early Universe		*[chair: Phil Appleton]*
10:30–11:00	**- Posters -**	
11:00–11:15	Vihang Mehta	Studying galaxy evolution with JWST-PASSAGE
11:15–11:30	Zahra Sattari	JWST/NIRISS Grism Observations of a z=2.2 Protocluster at Cosmic Noon
11:30–11:45	Kalina Nedkova	Revealing the Galaxy Morphology–Metallicity Connection with JWST: The Path to Roman
11:45–12:00	Andreas Faisst	Uncovering the Gas, Dust, and Star Forming Properties of Galaxies Across Cosmic Time with Euclid, JWST, and ALMA
Lunch 12:00–13:30		
Session 3: Better Tools		*[chair: Benedetta Vulcani]*
13:30–13:45	Gaël Noirot	Transformative Science with NIRISS Wide-Field Slitless Spectroscopy
13:45–14:00	Negin Nezhad (virtual)	Precision Infrared Spectroscopy with JWST/NIRSpec IFU: A Case Study of Science-Oriented Pipeline Enhancements at High Redshift
14:00–14:15	Rohan Pattnaik	Spectroscopy Pre-trained Transformer (SpecPT) – A Universal Spectroscopic Analysis and Redshift Measurement Framework
14:15–14:30	Faezeh Manesh	Unveiling Fast-Forming Galaxies at Cosmic Dawn
Break 14:30–14:45		
Session 4: Cosmology		*[chair: Thomas Lai]*
14:45–15:00	Daniel Masters	Measuring galaxy redshifts with SPHEREx near-infrared spectrophotometry
15:00–15:15	Zhaoyu (Gemma) Huai	Challenges and Opportunities in Low-Resolution Spectrophotometric Redshifts with SPHEREx
15:15–15:30	Aryana Haghjoo	Super-Resolving Low-Resolution Galaxy Spectra with AI, and the prospects for Roman and Euclid
15:30–15:45	Ali Ahmad Khostovan	Mining the Extragalactic Archives to Guide the Next-Generation IR Surveys
15:45–16:00	Yun Wang	SIRMOS (Satellite for InfraRed Multi-Object Spectroscopy): Transforming Science in the Next Decade
Break 16:00–16:15		
Panel Discussion:		
16:15–17:00	Daniel Masters, Harry Teplitz	