

IAU Symposium : Planetary Science, Exoplanets in the Era of James Webb Space Telescope. Cap Town, South Africa - August 13 - 15, 2024

Cap Town (SAST, GMT+2)	Speakers		Type of Participation
	Name	Title	
Tuesday August, 13th 2024			
08:30 - 10:00	N/A	N/A	In person
10:00 - 10:30	Posters & coeffe break		
10:30 - 11:00	Invited: Knicole Colon	The Dawn of a New Era for Exoplanet Detection and Characterization with JWST	In-person
11:00 - 11:15	Thomas Greene	The JWST MANATEE program: Atmospheric compositions, clouds, chemistry, and processes of a diverse exoplanet	
11:15 - 11:30	Zouhair Benkhaldoun	TRAPPIST-North at the Oukaimeden Observatory: a success story in the field of planetary sciences.	
11:30 - 11:45	Akanksha Khandelwal	Detection of Two Close-in Giant Planets TOI-1789b and TOI-4603b with extreme density using PARAS spectrograph	
11:45 - 12:00	Edward Gomez	Exoplanets in education: rise of the robotic telescopes	
12:00 - 13:30	Lunch		
13:30 - 14:00	Invited: Mark Clampin	The Habitable Worlds Observatory	In-person
14:00 - 14:15	Chima McGruder	Exploring Correlations of High-Altitude Aerosol Formation in Planetary Systems with Similar Parameters	
14:15 - 14:30	Amri Wandel	Observing Biosignatures from Exoplanets outside the Conservative Habitable Zone	
14:30 - 14:45	Dominique Petit dit de la Roche	The importance of ground-based transmission spectra in characterising stellar activity for JWST	
14:45 - 15:00	Engin Keles	Probing Lava World atmospheres: Using ground-based facilities complementary to JWST	
15:00 - 15:30	Posters & coeffe break		
15:30 - 16:00	Invited: Jian Ge	The Earth 2.0 (ET) Space Mission	In-person
16:00 - 16:15	Lisa Crause	Equipping SALT's High-Resolution Spectrograph for Precision Radial Velocity Science	
16:15 - 16:30	Stefano Bellotti	Characterising the magnetic field and space environment of known exoplanet hosts: the case of GJ 436 and HD 63433	
16:30 - 16:45	Rena Lee	Pinning down the masses of ultra-short-period earth-sized planets with extreme-precision radial velocities as prospective	
16:45 - 17:00	Zakaria Belhaj	Bridging the Cosmos: Exploring Exoplanet Detection in Astronomy Education and Outreach	
17:15 - 18:30	N/A	N/A	In-person
Wednesday August, 14th 2024			
08:30 - 10:00	N/A	N/A	In person
10:00 - 10:30	Posters & coeffe break		
10:30 - 11:00	Invited: Marie-Eve Naud	Exoplanets in the Classroom - Bilingual Astronomy Resources for Educators, by Educators	Virtual
11:00 - 11:15	Thomas Fauchez	The CUISINES Project: Exoplanet Model Intercomparisons in the JWST era	
11:15 - 11:30	Jamila Chaouqar	Surface pressure impact on nitrogen-dominated USP super-Earths atmospheres	
11:30 - 11:45	Emma Esparza-Borges	JWST and cross-correlations: A faster alternative for atmospheric studies	
11:45 - 12:00	Claudia Mignone	Bringing the night sky to the living room: Reflections on 3+ years live streaming astronomical events	
12:00 - 13:30	Lunch		
13:30 - 14:00	Invited: Maram KAIRE	Education and outreach in planetary science	In-person
14:00 - 14:15	Liton Majumdar	Linking Gas-Giant Atmospheres with Planetary Formation Constrained by JWST Observations	
14:15 - 14:30	Salma Salhi	Using score-based diffusion models for correlated 1/f noise reduction in JWST spectral data	
14:30 - 14:45	Vincent Kofman	Observables of 3D atmospheric and surface effects in JWST observations	
14:45 - 15:00	Rafael Luque	Complejo Astronomico Los Coloraos: an outreach oasis in the Andalusian desert	
15:00 - 15:30	Posters & coeffe break		
15:30 - 16:00	Invited: Geronimo Villanueva	A new era in solar system astronomy with JWST	In-person
16:00 - 16:15	Sara Faggi	CO ₂ and CO heterogenous outgassing and their isotopic ratios in Centaur 29P/S-W1 with JWST	
16:15 - 16:30	Patryk Sofia Lykawka	Terrestrial planet and asteroid belt formation by Jupiter-Saturn chaotic excitation: A comprehensive dynamical model for	
16:30 - 16:45	Andrew Rivkin	JWST Observations of Ceres, Pallas, and Hygiea: Surviving Planetary Embryos from Our Solar System's Formation	
16:45 - 17:00	Meryem Guennoun	Unveiling New Parent Bodies in Meteor Showers: A Robust Methodological Approach	
17:15 - 18:30	N/A	N/A	In-person
Thursday August, 15th 2024			
08:30 - 10:00	N/A	N/A	In person
10:00 - 10:30	Posters & coeffe break		
10:30 - 11:00	Invited: Leigh Fletcher	JWST: A New Explorer for Giant Planet Systems	Virtual
11:00 - 11:15	Ewine van Dishoeck	Probing the gas that builds planets: results from the JWST MINDS disk program	
11:15 - 11:30	Itziar de Gregorio-Monsalvo	Water at the earliest stages of star and planet formation	
11:30 - 11:45	Antonio Garufi	Hunting Protoplanets. The planet formation seen by ground-based telescopes.	
11:45 - 12:00	Anastasiia Topchieva	Ices on pebbles in protoplanetary discs	
12:00 - 13:30	Lunch		
13:30 - 14:00	Invited: Bin Yang	Physical Characterization of Intriguing Distant Comets with JWST	In-person
14:00 - 14:15	Ian Wong	JWST Observations of KBOs, Centaurs, and Trojan asteroids: A unique window into the dynamical history of the outer	
14:15 - 14:30	Dennis Bodewits	First detection of water vapor surrounding a main-belt comet	
14:30 - 14:45	Colin Snodgrass	The Comet Interceptor mission	
14:45 - 15:00	Youssef Moulane	Implementing an AstroLab Project in Africa	
15:00 - 15:30	Posters & coeffe break		
15:30 - 16:00	Invited: Soumaya Saad	Planetary science and Exo-Planets from James Webb to public outreach and education	Virtual
16:00 - 16:15	James Miley	The interactions between debris discs exoplanets: A multi-wavelength view towards Beta Pic	
16:15 - 16:30	Susanne Pfalzner	Connecting disk lifetime variety to planet diversity	
16:30 - 16:45	Tamara Molyarova	Volatiles and C/O ratios as a result of dust drift in self-gravitating protoplanetary discs	
16:45 - 17:00	Hilo Panoptes Team	Empowering Communities: Project Panoptes and the Wisdom of "Ananse and the Pot of Wisdom"	
17:15 - 18:30	N/A	N/A	In-person