

Time	Monday, Mar. 25, 2024	
8:30 - 8:45	Welcome & Logistics	
Topic 1	Debris disks put into context - Protoplanetary disks & planet formation -- Chair: Feng Long	
8:45 - 9:30	Joan Najita (invited)	Pebbles and Planetesimals to Planets and Dust
9:30 - 9:45	Josh Lovell	Protoplanetary disk dispersal: revealing the birth of debris disks around class III stars
9:45 - 10:00	Eric Gaidos	The Dynamic Hybrid Inner Disk of PDS 70
10:00 - 10:15	Daniela Iglesias	Disc evolution in intermediate-mass stars
10:15 - 10:30	Haochang Jiang	Formation of Planets and Debris Disks from Pebble Rings
10:30 - 12:00	Coffee & poster session	
12:00 - 14:00	Lunch Break (2h), lunch on your c	
Topic 2	Observations of debris disks: far infrared to millimeter wavelengths -- Chair: Brenda Matthews	
14:00 - 14:45	Josh Lovell (invited)	Debris disks observations from the far-infrared to millimeter: recent perspectives and future outlooks
14:45 - 15:00	Mark Booth	ATLAST, The Ability to Detect Faint Debris Disks
15:00 - 15:15	James Miley	10 years of observing Beta Pic with ALMA
15:15 - 15:30	Jay S. Chittidi	The Fabulously Resolved Fomalhaut Debris Disk: ALMA Reveals New Substructure
15:30 - 15:45	Patricia Luppe	A multi-wavelength view of HD 32297's edge-on debris disk
15:45 - 16:15	Coffee break & poster viewing (30 minutes)	
16:15 - 16:30	Sebastian Marino	The ALMA survey to Resolve exoKuiper belt Substructures (ARKS)
16:30 - 16:45	Yinuo Han	The radial structure of debris disks in the ARKS ALMA program
16:45 - 17:00	Brianna Zawadzki	Resolving Vertical Structures in Millimeter Debris Disk Observations with ARKS
17:00 - 17:15	Sorcha Mac Manamon	First results from the ARKS Large Program: CO gas in debris discs in unprecedented detail
19:30 - 21:00	Andras Gaspar	Public evening lecture & Historic campus telescope viewing: Forty years of debris disks: From IRAS to JWST

Time	Tuesday, Mar. 26, 2024	
Topic 3, part 1	Observations of debris disks - scattered light to mid infrared wavelengths -- Chair: Andras Gaspar	
8:30 - 9:15	Schuyler Wolff (invited)	Observations of debris disks - scattered light to mid infrared
9:15 - 9:30	Isabel Rebolledo	The Beta Pic disk through the eyes of JWST
9:30 - 9:45	Kadin Worthen	A JWST MIRI MRS view of Beta Pictoris
9:45 - 10:00	Christine Chen	The Spectroscopic Case for a Giant Collision in the beta Pic Debris Disk
10:00 - 10:30	Coffee break & poster viewing (30 minutes)	
10:30 - 10:45	Arin Avsar	26 Years of HST/STIS Scattered Light Imaging Of The Beta Pictoris Debris Disk
10:45 - 11:00	Sophia Stasevic	An inner warp discovered in the disk around HD 110058 using VLT/SPHERE and HST/STIS
11:00 - 11:15	Tom Esposito	New HST/STIS Detections of Complex Outer Structure for Seven Young Debris Disks
11:15 - 11:30	Minjae G. Kim	Constraining the detectability of crystalline and amorphous water ice with JWST
11:30 - 11:45	Feng Long	The inner gas and dust in 50-Myr-old disks as revealed by JWST
11:45 - 12:00	Chen Xie	Characterizing debris disks via reflectance spectroscopy from ground and space-based observations
12:00 - 14:00	Lunch Break (2h), lunch on your c	
Topic 4	Gas in debris disks -- Chair: Luca Matra	
14:00 - 14:45	Isabel Rebolledo (invited)	An overview of gas in debris disks
14:45 - 15:00	Kevin Daniel Smith	Determining the H ₂ /CO Ratios of Gas Rich Exocometary Belts: Primordial or Secondary Origins?
15:00 - 15:15	Aoife Brennan	Investigating the Origin of Gas in the Debris Disk around HD121617 using ALMA Observations
15:15 - 15:45	Coffee break & poster viewing (30 minutes)	
15:45 - 16:00	Camille Bergez-Casalou	Planet-gas interactions in debris discs: Observable outcomes
16:00 - 16:15	Paul Huet	Thermal atmospheric accretion onto planets in the debris disc stage
16:15 - 16:30	Cicero Lu	Discovery of NIR Gas Emission with JWST/NIRSpec in a Debris Disk
16:30 - 16:45	Meredith Hughes	Dynamical Masses of Debris Disk Host Stars
16:45 - 17:00	Riouhei Nakatani	Gas-Rich Debris Disks' Origins in Slow Photoevaporation around Intermediate-Mass Stars

Time	Wednesday, Mar. 27, 2024	
Topic 5	Theory of debris disks -- Chair: Virginie Faramaz	
8:30 - 9:15	Antranik Sefilian (invited)	Planet-Debris Disk Interactions: A Theoretical Tapestry
9:15 - 9:30	Antoine Lacquement	A Possible Extra Planet orbiting Beta Pictoris Based on Disk Observations
9:30 - 9:45	Tim Pearce	Are planets responsible for steep debris-disc edges
9:45 - 10:00	Carey Lisse	Astrosphere-ISM-Disk Interactions in HD61005, The Moth
10:00 - 10:30	Coffee break & poster viewing (30 minutes)	
10:30 - 11:15	Torsten Löhne (invited)	Collisions in Debris Disks
11:15 - 11:30	Hiroshi Kobayashi	Insignificance of Collisional Damping in Debris Disks
11:30 - 11:45	Max Sommer	Zodi structures caused by eccentric sub-Earths: A model prediction
11:45 - 12:00	Pedro Poblete Rivera	Self-gravity of debris discs can strongly change the outcomes of interactions with inclined planets
12:00 - 12:15	Arceilia Hermosillo Ruiz	Nbody Simulations of an Inclined, Eccentric Planet and Exterior Debris Disk Show Asymmetric Structure Similar to AU Mic
12:15	Adjourn	Lunch break and free afternoon with various coordinated and uncoordinated activities, sunset is around 18:40

Time	Thursday, Mar. 28, 2024	
Topic 6	Debris disks put into context - The Solar system as a debris disk -- Chair: Geoff Bryden	
8:30 - 9:15	Bryce Bolin (invited)	Debris disks put into context: The Solar system as a debris disk
9:15 - 9:30	Simon Anghel	Method of measuring the size of meteoroids from well-known atmospheric impacts
9:30 - 9:45	Grace Batalla Falcon	Infrared absorption and opacities of meteorite dust from the Atacama Desert
9:45 - 10:15	Coffee break & poster viewing (30)	
Topic 3, part 2	Observations of debris disks - scattered light to mid infrared wavelengths -- Chair: John Debes	
10:15 - 10:30	Raphaël Bendahan-West	Investigating the population of planets in debris disc systems with gaps using JWST
10:30 - 10:45	Yiwei Chai	New Observations of the η Tel System with JWST MIRI MRS
10:45 - 11:00	Ramya Anche	High-contrast polarimetric observations of debris disks through the Roman Coronagraph instrument
11:00 - 11:15	Justin Hom	Searching for Signs of Earth-Like Planets: Demonstrating the Potential of the Roman-Coronagraph in Resolving Exozodiacal Dust and Debris Disk Substructures
11:15 - 11:30	Sai Krishanth Pulikesi Mannan	NMF with GPUs; a faster way to better disks
11:30 - 13:45	Lunch Break (catered) & poster session (2h15min)	

Topic 7		
Exozodiacal dust -- Chair: Tim Pearce		
13:45 - 14:30	Virginie Faramaz (invited)	Exozodiacal dust
14:30 - 14:45	John Debes	SAG 23: The Impact of Exo-Zodiacal Dust on Exoplanet Direct Imaging Surveys
14:45 - 15:00	Yu-Chia Lin	Hurdling Exozodiacal Dust Challenges in Habitable Exoplanet Direct Imaging: Harder Than Anticipated?
15:00 - 15:15	Mark Wyatt	Exozodi population models and the prevalence of problematic levels of warm dust
15:15 - 15:45 Coffee break & poster viewing (30 minutes)		
15:45 - 16:00	Germain Garreau	Constraining the exozodiacal dust disk around θ Boo with the LBTI
16:00 - 16:15	Kevin Ollmann	Impact of hot exozodiacal dust on the polarimetric analysis of close-in exoplanets / MATISSE observations of the Fomalhaut inner disk
16:15 - 16:30	Thomas Stuber	How much large dust could be present in hot exozodiacal dust systems?
16:30 - 16:45	Philippe Priolet	VLT multi-wavelength characterization of the exozodiacal dust around Beta Pictoris
16:45 - 17:00	William C. Danchi	Determining the constituents of the hot dust close to stars forming the hot exozodi
17:00 - 17:15	Vasuda Trehan	Predicting exoplanetary habitability
17:15 - 19:00 Regroup, refresh, walk to conference dinner venue, cocktail, watch sunset on terrace (sunset is around 18:40)		
19:00 - 22:00 Conference dinner & social		

Time		
Friday, Mar. 29, 2024		
Topic 8		
Exotic debris disks -- Chair: Siyi Xu		
8:30 - 9:15	Andrew Swan (invited)	Exotic debris disks
9:15 - 9:30	Kate Su	What are Extreme Debris Disks (EDDs)? Exploring different formation pathways of EDDs by linking the observed properties
9:30 - 9:45	Jonathan Marshall	Results of a volume-limited survey for variable near-infrared excess in main sequence stars
9:45 - 10:00	Brenda Matthews	Extreme debris disks reveal underlying planetary companions
10:00 - 10:15	Gergely Hajdu	Circumstellar matter around RR Lyrae stars
10:15 - 10:45 Coffee break & poster viewing (30 minutes)		
10:45 - 11:00	Érika Le Bourdais	The Challenges and Pitfalls in Deciphering The Chemical Composition of WD1145+017's Disintegrating Asteroid
11:00 - 11:15	Ayaka Okuya	A possible correlation between the metal pollution of white dwarfs and the "dirtiness" of their dust disks
11:15 - 11:30	Jay Farihi	A Transiting Debris Disk in the Habitable Zone of a White Dwarf
11:30 - 11:45	Laura Rogers	The white dwarf opportunity: which rocks and minerals make up a planet?
11:45 - 12:00	Akshay Robert	The frequency of transiting planetary systems around polluted white dwarfs
12:00 - 12:15	Zach Vanderbosch	A Census of White Dwarfs Hosting Transiting Planetary Debris
12:15 - 12:30	Conclusion	