

## POSTER LIST

New Heights in Planet Formation

**Monday to Wednesday morning**

**Wednesday afternoon to Friday**

Last name	Name	Poster title	Poster No.
Alagüero	Antoine	V892 Tau: a tidally perturbed circumbinary disc in a triple system - A complete multi-wavelength study	A01
Alqubelat	Hala	The Role of Multiplicity in the Formation of Substructures in Protoplanetary Disks	A02
Alvarado-Torres	Amanda	Determining Disk Mass from High-resolution HD Spectra	A03
Antilen	Juanita	Study of the degree of dust settling and gas dynamics in highly inclined protoplanetary discs	A04
Bandyopadhyay	Rahul	Investigating effects of external FUV radiation on protoplanetary disks with abundant PAHs	A05
Borthakur	Sandipan	Star-disk connection: Disk composition and evolution from stellar spectroscopy	A06
Bürgy	Cade	Constraining the inner disk structure around intermediate mass YSO's from CO overtone emission	A07
Chen	Kan	Concertos of planet-disk interactions: kinematics and gap opening feedback on disk thermal structure	A08
Chrenko	Ondřej	The dusty rim of HD 163296: confronting models with infrared interferometry	A09
Dincer	Furkan	TBD	A10
Elbakyan	Vardan	Dust growth in the initial stages of protoplanetary disk evolution	A11
Fasano	Daniele	Weighing planets with spirals: observational limitations of the semi-analytical theory	A12
Fehr	Anna	Mapping the 2D Temperature Structure of Disks	A13
Huelamo	Nuria	Detection of protoplanets through accretion tracers	A14
Jiang	Sally	ALMA Molecular Mapping of the Candidate Class I Planet-forming Disk of GY 91	A15
Juillard	Sandrine	Jointly leveraging angular diversity and reference stars for protoplanetary disk imaging.	A16
Lawrence	Jensen	Midplane Temperature Profiles of Eight Protoplanetary Disks	A17
Leedham	Cat	Gravitational Instability in Irradiated Protoplanetary Discs	A18
Lim	Jeonghoon	Streaming Instability and Turbulence: Conditions for Planetesimal Formation	A19
Lovell	Joshua	Protoplanets & eccentric disks: did protoplanetary disk instabilities shape Fomalhaut's debris disk?	A20
Lu	Cicero	First Discovery of NIR Gas Emission with JWST/NIRSpec in a Debris Disk	A21
Luo	Lilian	Constraining gas mass in protoplanetary disks by accounting for substructures in models	A22
Maucó	Karina	A New Look at External Photoevaporation in the $\sigma$ -Orionis Cluster: The morphology of the optical [OI] emission line	A23
Perraut	Karine	Tracing the time-variable asymmetric features in the inner disk of Herbig stars	A24
Prasad	Vasundhara	Dust Dynamics in Protoplanetary Discs after Stellar Flybys	A25
Qian	Yansong	Shadows Wreak Havoc in Transition Disks	A26
Rea	David	Magnetically Driven Turbulence in the Inner Protoplanetary Disk	A27
Santamaría	Alejandro	An asymmetric dust disk driving a multicomponent molecular outflow in the Class 0 protostar GSS30IR3	A28
Shi	Yangfan	Substructures in Disks around mid-M Stars in Taurus and How They Compare to Solar-like Stars	A29
Silk	Benjamin	Dust Size Evolution in Protoplanetary Disks	A30
Tobin	Shamus	Dense Annular Rings found in Two Class 0/I Protostellar Disks	A31
Verrier	Gabriel	Dust dynamics during the protostellar collapse	A32
Viscardi	Elena	Unveiling the dust content of GM Aurigae: an analysis of ALMA and new high-resolution VLA observations	A33
Walls	Levi	Tracing the origins of water in planetary systems	A34
Wehner	Dennis	New embedded grids technique to simulate the formation of exoplanets' first atmospheres.	A35
Williams	Joe	Pebble drift in HD 163296 - Water and dust mass constraints for terrestrial planet formation	A36
Aly	Hossam	Warp-Induced Dust Instability in Inclined Circumbinary Discs	B01
Arunalantham	Nicole	An Overview of Inner Disk Chemistry with JWST MIRI from the JDISC Survey	B02
Bi	Jiaqing	Shoulder of Dust Rings Formed by Planet-disk Interactions	B03
Blackman	Joshua	Spectrally resolving protoplanetary H-alpha emission with RISTRETTO	B04
Führer	Florian	Best of both worlds: Simulating dust growth efficiently without neglecting collision dynamics	B05
Gaidos	Eric	Raising Dust in the Inner Disk Planet Factory	B06
Gardner	Charles	ALMA Observations and Hydrodynamic Models of LkCa15	B07
Gross	Rachel	Photochemistry and planet formation: a theoretical study of externally irradiated disks	B08
Guerra Alvarado	Osmar Manuel	Into the thick of it: ALMA 0.45 mm observations of HL Tau at 2 au resolution	B09
Johnston	Heather	The impact of stellar luminosity on giant planet formation	B10
Kaufmann	Nicolas	From Dust to Exoplanetary System, Planet Formation in Dust Rings Informed by Alma Observations.	B11
Keyte	Luke	Volatile composition of the planet-hosting disk HD 169142	B12
Kurtovic	Nicolas	Gas morphology and brightness temperature of compact and faint disks.	B13
Leemker	Margot	Chemistry across dust and gas gaps in protoplanetary disks: modelling co-spatial molecular rings	B14
Lehmann	Marius	Convective overstability in radially global protoplanetary discs.	B15
Ma	Jie	Color of polarized scattered light of circumstellar disks seen by SPHERE	B16
Manara	Carlo F.	WANDA: Winds AND Disk structures here and Afar	B17
Marleau	Gabriel-Dominique	Late-time weak accretion at a TWA27B, a planetary-mass object with no ALMA detection yet	B18
Matthijssse	Jip	Polydisperse Formation of Planetesimals	B19
Miley	James	The End Product of Planet formation: Multiwavelength analysis of disc-planet interaction in Beta Pic	B20
Mugrauer	Markus	The Impact of stellar multiplicity on the formation and evolution of planets	B21
Muley	Dhruv	Can gap-edge illumination excite spirals in protoplanetary disks?	B22
Radley	Isaac	A multi-wavelength study of the VLA 1623 protostellar system using JWST; ALMA and JVLA.	B23
Ricciardi	Giulia	The effect of stellar multiplicity on protoplanetary disks in Orion A	B24
Rowther	Sahl	The role of drag and gravity on dust concentration in a gravitationally unstable disc	B25
Stevenson	Edward	Searching for planet-driven dust spirals in ALMA visibilities	B26
Tazaki	Ryo	JWST observations of an edge-on protoplanetary disk: the case of HH 30	B27
Tong	Simin	Can the dominant mechanism for angular momentum transport be identified by measuring gas disc sizes?	B28
Vallucci-Goy	Valentin	Dust evolution during the protostellar collapse and turbulent dust clumping in magnetized medium.	B29
Van Clepper	Eric	Chemistry and dynamics of gas and dust in a protoplanetary disk containing an embedded planet	B30
Vioque	Miguel	Evolution of dust-disk and gas-disk substructures and sizes in AGE-PRO	B31
Weder	Jesse	Towards planetary population syntheses in MHD wind-driven discs	B32
Wu	Yinhao	MHD Disk Winds and Disk Substructures	B33
Zallio	Luigi	MHD wind-driven accretion can naturally predict the MD-Macc relation.	B34
Zamudio Ruvalcaba	Luisa Fernanda	Looking for the Missing Mass with ALMA: Measuring Protoplanetary Disk Masses in Serpens and Orion	B35
Kadam	Kundan Vaman	MHD Disk Winds and Constraints from ALMA Surveys	B36