

Great Barriers in planet formation

	Sunday 21/07	Monday 22/07	Tuesday 23/07	Wednesday 24/07	Thursday 25/07	Friday 26/07
9.00-10.30		Disc Formation (Chair: D. Price) <p>M. Bate (30) - The diversity and statistical properties of protostellar discs</p> <p>P. Sheehan (15) - The Structures of Embedded Disks with ALMA/the VLA</p> <p>S. Inutsuka (15) - The Formation and Angular Momentum Evolution of Protoplanetary Disks</p> <p>J. Wurster (15) - Formation of protoplanetary discs in star cluster simulations</p> <p>S. Suriano* (15) - Formation of rings and gaps in wind launching non-ideal MHD discs</p>	Substructures (Chair: L. Perez) <p>N. van der Marel (30) - Rings, gaps, asymmetries, warps and clumps: linking ALMA disk features to planet formation</p> <p>Z. Zhu (30) - Using Disk Substructures to Reveal Young Planet Population</p> <p>E. Ragusa (15) - Non-axisymmetric features in protoplanetary disks: Vortices or not vortices?</p> <p>Y. Boehler (15) - Vortex signature in the gas kinematics</p>	Dippers and misalignment (Chair: S. Casassus) <p>S. Facchini (20) - The interplay between inner and outer disk in misaligned systems</p> <p>R. Loomis (15) - Misaligned protoplanetary disks: the mm perspective</p> <p>I. Czekala (15) - The Degree of Alignment Between Circuminary Disks and their Host Binaries</p> <p>R. Nealon (15) - Does TW Hya host a misaligned planet?</p> <p>C. Dougados (20) - Links between accretion and ejection in YSDs</p>	Dust, pebbles and planetesimals (Chair: G. Laibe) <p>K. Kanagawa (20) - Effects of dust feedback on evolutions of disks and planets</p> <p>J. Drazkowska (20) - Dust growth and planetesimal formation</p> <p>N. Schneider (15) - Drag Instabilities in Laboratory Experiments</p> <p>M. Pessah (15) - Simulations of multi-species protoplanetary discs</p> <p>L. Krapp (15) - Linear and non-linear multi-species streaming instability</p>	Disc masses / chemistry (Chair: Á Kóspál) <p>A. Miotello (20) - The puzzle of protoplanetary disc masses</p> <p>I. Cleeves (20) - Time variable X-ray driven chemistry</p> <p>I. Kamp (20) - Disc mass estimates</p> <p>B. Veronesi (15) - How massive are protoplanetary discs?</p> <p>J. Miley (15) - ALMA's view of the mid-plane in Herbig Discs</p>
10.30-11.00		Coffee	Coffee	Conference photo + coffee	Coffee	Coffee
11.00-12.30		Disc population/surveys (Chair: R. Nealon) <p>M. Ansdell (30) - A Review of Disk Population Survey Results</p> <p>L. Cieza (20) - The Ophiuchus Disk Survey Employing ALMA (ODISEA)</p> <p>G. Hercezeg (20) - An unbiased-ish survey of protoplanetary disks in Taurus</p> <p>A. Garuli (15) - Our first 100 protoplanetary discs: morphology and evolution from high-resolution images</p> <p>G. Lodato (5) - Introduction to DUSTBUSTERS</p>	NIR observations of discs (Chair: M. Ansdell) <p>M. Benisty (30) - Scattered light imaging of protoplanetary discs</p> <p>K. Mauco (15) - Polarized emission in a young TD: a remarkable case of dust filtering</p> <p>S. Hunziker (15) - High-precision polarimetry of protoplanetary disks</p> <p>S. Kraus (15) - Linking inner and outer disc structures with multi-wavelength interferometry</p> <p>L. Klarmann (15) - Characterising dust and gas at the inner rim of protoplanetary disks with GRAVITY</p>	Variability (Chair: M. Benisty) <p>Á. Kóspál (20) - Irregular variability during star formation: what can we learn about the circumstellar material?</p> <p>C. Contreras (15) - Determining the recurrence timescale of YSO outbursts</p> <p>C. Robinson (15) - Characterizing Accretion Variability with HST and Simulations</p> <p>M. Audard (15) - Gas lines in outbursting young stars as signatures of episodic accretion</p> <p>P. Abraham (15) - post-outburst life of FUor V346Nor</p> <p>N. Cuello (15) - Flyby Scene Investigation</p>	Dust, pebbles and planetesimals II (Chair: J.F. Gonzalez) <p>J. Simon (15) - Pebbles to planetesimals: The role of pressure bumps</p> <p>A. Vericel (15) - Self-induced dust traps formation around snow lines in protoplanetary discs</p> <p>L. Eriksson (15) - Pebble drift and planetesimal formation in protoplanetary disks with embedded planets</p> <p>C. Ormel (15) - A new Lagrangian model for dust evolution -- application to the planet formation history of TRAPPIST-1</p> <p>M. Oghara (15) - Formation of close-in planets in an evolving disc with N-body simulations</p> <p>G. Picogna (15) - Pebble accretion onto planets in turbulent discs</p>	Disc-companion interaction and CBDs (Chair: D. Price) <p>G. Duchene (20) - Discs in multiple stellar systems</p> <p>G. Kennedy (15) - A benchmark binary for understanding star-disc interaction</p> <p>D. Muñoz (15) - Circuminary accretion: challenges for the formation of close binaries and circuminary planets</p> <p>P. Benitez-Lambay (15) - Planet-Disk Interaction in Dusty Disks</p> <p>O. Mulera (15) - Thermal torque effects on the migration of growing low-mass planets</p> <p>Poster prize talks (3x5)</p>
12.30-13.30		Lunch	Lunch		Lunch	Lunch
13.30-15.00		Observations with ALMA (Chair: N. van der Marel) <p>J. Huang (20) - Insights into disk structures from high angular resolution ALMA observations</p> <p>S. Perez (20) - Dust unveils the presence of a migrating mini-Neptune in a protoplanetary ring</p> <p>A. Kataoka (15) - Exploring grain growth, radial drift, and magnetic fields by mm-wave polarization</p> <p>S. Ohashi (15) - Grain size distributions in HD 163296 studied by ALMA polarization observation</p> <p>M. G. Ueira (15) - The gas and dust disk around the CQ Tau protostar</p>	Detection of protoplanets I (Chair: V. Christiaens) <p>A. Zurlo (30) - Imaging protoplanets</p> <p>G. Gugno (15) - Hunting for forming gas giant planets</p> <p>O. Zakhochay (15) - RV Survey for Planets around Young stars</p> <p>K. Wagner (15) - The Masses and Origins of Directly Imaged Planets</p> <p>J. Szulagyi (15) - How can we detect forming planets and their disks?</p>	CONFERENCE EXCURSION (includes lunch) <p>CONFERENCE EXCURSION (includes lunch)</p>	Turbulence vs winds (Chair: C. Dougados) <p>X. Bai (30) - Angular Momentum Transport in Protoplanetary Disks</p> <p>M-K Lin (15) - Dust settling in turbulent protoplanetary disks</p> <p>E. Rigliaco (15) - Analysis of high-resolution spectra of young stars: looking for wind signatures</p> <p>Z. Xu (15) - Probing Protoplanetary Disk Wind with Absorption Line Spectroscopy</p> <p>T. Demirci (15) - Surviving the Storm: Are Planetesimals Safe from the Winds in Protoplanetary Disks?</p>	Disc dispersal to debris (Chair: J. Drazkowska) <p>G. Rosotti (30) - The intense life and fast dispersal of protoplanetary discs</p> <p>M. P. Ronco (15) - Lifetimes of protoplanetary disks in multiple star systems</p> <p>K. Monsch (15) - The imprint of X-ray photoevaporation of planet-forming discs on the orbital distribution of giant planets</p> <p>A. Winter (15) - Externally induced protoplanetary disc dispersal</p> <p>L. Woelfer (15) - Radiation-Hydrodynamical Models of X-ray Photoevaporation in Carbon Depleted Circumstellar Disks</p>
15.00-15.30		Coffee	Coffee		Coffee	Coffee
15.30-17.00		Observations with ALMA - II (Chair: L. Testi) <p>L. Perez (30) - Planet-forming disks in the era of ALMA</p> <p>T. Paneque (15) - Studying the Spiral Structure in Elias2-27</p> <p>G. van der Plas (15) - Testing spiral arm formation mechanisms with the HD 100453 system</p> <p>E. Macias (15) - Characterization of Ring Substructures in Protoplanetary Disks Using Multiwavelength ALMA Observations</p> <p>C. Toci (15) - HD169142: a laboratory for rings and (possible) planets</p>	Detection of protoplanets II (Chair: C. Pinte) <p>R. Dong (20) - Three stars, three rings</p> <p>Discussion I (60) How can we observe planet formation? Are we observing planet-forming or planet-hosting discs? (Chairs: L. Testi & S. Maddison)</p>	CONFERENCE EXCURSION (includes lunch) <p>CONFERENCE EXCURSION (includes lunch)</p>	Solar System (Chair: C. Pinte) <p>A. Morbidelli (30) - The Jupiter barrier</p>	Late discs (Chair: S. Maddison) <p>M. Wyatt (30) - Debris discs</p> <p>S. Marino (15) - Radial structure in planetesimal discs</p> <p>A. Ribas* (15) - Protoplanetary disks meet artificial neural networks: evidence against the alpha-disk?</p> <p>Conference summary (30)</p>
17.00-late	WELCOME RECEPTION (BBQ dinner; 17:00-21:00)	EVENING POSTER SESSION (Drinks and nibbles; 17:00-19:00)		CONFERENCE DINNER (19:00-late)		

* Part of another session. Scheduled earlier/later for logistical reasons.