

[Sunday 28th June](#)

Evening Welcome Reception

[Monday 29th June](#)

8:15-8:55 Registration

8.55-9:00: Welcome & Practical Info - Dimitris Stamatellos/Derek Ward-Thompson

The formation of protostellar discs

09:00-09:40 [Yusuke Tsukamoto](#) - Formation and early evolution of the circumstellar discs
([Review](#))

09:40-10:00 [Eduard Vorobyov](#) - Circumstellar disks accreting from the external environment

10:00-10:20 [Oliver Lomax](#) - The role of discs in the collapse and fragmentation of prestellar cores

10:20-10:40 [Daniel Seifried](#) - Observing the turbulence-induced formation of protostellar disks with ALMA

10:20-11:20 Coffee break & posters

Planet formation; core accretion and disc fragmentation I

11:20-12:00 [Andrew Youdin](#) - Planet formation; core accretion and disc fragmentation
([Review](#))

12:00-12:20 [Anthony Whitworth](#) - Theory of disc fragmentation

12:20-12:40 [Sergei Nayakshin](#) - Dark collapse of giant planets

12:40-13:00 [Ken Rice](#) - The convergence problem in self-gravitating disc simulations

13:00-14:00 Lunch

14:00-14:40 Posters & informal discussions

Observations of protostellar discs

14:40-15:20 - Observations of protostellar discs ([Review](#))

15:20-15:40 [Paola Pinilla](#) - Planet formation at different epochs in transition disks

15:40-16:00 [Monika Petr-Gotzens](#) - Observations of protoplanetary disk fractions of single and binary stars

16:00-16:40 Coffee break and posters

16:40-17:00 [Simon Cassasus](#) - Accretion kinematics in the protoplanetary cavity of HD142527
17:00-17:20 [Eiji Akiyama](#) - Discovery of a disk gap candidate at 20 AU in TW Hydrae
17:20-17:40 [Misato Fukagawa](#) - Non-axisymmetric structure in million-year-old discs around intermediate-mass stars
17:40-18:00 [Sebastien Perez](#) - Observability of Circumplanetary Discs with ALMA via Gas Kinematics

[Tuesday 30th June](#)

Protostellar disc modeling: hydrodynamics, thermodynamics, magnetic fields, turbulence

09:00-09:40 [Geoffrey Lesur](#) - Protostellar disc modeling ([Review](#))
09:40-10:00 [Zhaohuan Zhu](#) Using (Magneto-)Hydrodynamical Simulations to Study Transitional Disks (Invited)
10:00-10:20 [Oliver Gressel](#) - Global simulations of protoplanetary disks with ohmic resistivity and ambipolar diffusion
10:20-10:40 [Jorge Cuadra](#) - Circumbinary discs gas dynamics
10:40-11:20 Coffee break & posters
11:20-11:40 [Mario Flock](#) - Gaps, Rings, and Non-Axisymmetric Structures in Magnetized Protoplanetary Disks
11:40-12:00 [Julien Faure](#) - Thermodynamics of the dead zone inner edge in protoplanetary disks
12:00-12:20 [Yuri Fujii](#) - The Effects of Disk Winds on the Evolution of Protoplanetary Disks
12:20-12:40 [Collin McNally](#) - Temperature Fluctuations driven by Magnetic Dissipation in Protoplanetary Disks
12:40-13:00 [Subhanjoy Mohanty](#) - Formation of close-in earths and super earths around low-mass stars

13:00-14:00 Lunch

14:00-14:40 Posters & informal discussions

14:40-15:00 [Sanemichi Takahashi](#) - The revised criterion for the self-gravitational fragmentation of protoplanetary disks
15:00-15:20 [Olja Panic](#) - CO snowline migration through planet-forming regions
15:20-15:40 [Natalia Dzyurkevich](#) - Hunting the planet's birth-places: building the trap for solid material at the snow line.
15:40-16:00 [Samuel Richard](#) - The role of Vertical shear instability in vortex formation
16:00-16:40 Coffee break & Posters
16:40-17:00 [Adrian Barker](#) - Hydrodynamic instability in eccentric gas discs

17:00-17:20 [Min-Kai Lin](#) - On the formation of one-armed spirals in locally isothermal disks

17:20-17:40 [Daniel Price](#) - Dust/gas in HL Tau

17:40-18:00 [Eugene Chiang](#) - Fast $m=1$ Modes and Dusty Horseshoes

[Wednesday 1st July](#)

Excursions and networking

[Thursday 2nd July](#)

Disc accretion and disc dispersal

09:00-09:40 [Neal Turner](#) - Disc accretion theory and disc dispersal ([Review](#))

09:40-10:00 [James Owen](#) - Models of accreting transition discs (Invited)

10:00-10:20 [Barbara Ercolano](#) - The relation between disc accretion rates and stellar mass: A consequence of X-ray driven disc evolution

10:20-10:40 [Patrick Henebelle](#) - Can external accretion onto circumstellar disks trigger internal accretion ?

10:40-11:20 Coffee break & posters

11:20-11:40 [Taku Takeuchi](#) - Transport of the Magnetic Flux in Protoplanetary Discs and Its Implications for Disc Evolution and Inner-hole Clearing

11:40-12:00 [Tom Haworth](#) - Testing thermal sweeping with radiation hydrodynamic simulations

12:00-12:20 [Eric Gaidos](#) - Disk Dissipation and Planet Statistics around Kepler Stars: Pedal to the Metal or Just Running out of Gas?

12:20-12:40 [Elisabetta Rigliaco](#) - Observational evidence of disk dispersal mechanisms from optical to mid-IR wavelengths

12:40-13:00 [Carlo Felice Manara](#) - What drives the evolution of protoplanetary disks? A spectroscopic study of accretion and winds in young stellar objects

13:00-14:00 Lunch

14:00-14:40 Posters & informal discussions

Disc-planet interactions and planet migration

14:40-15:20 [Aurélien Crida](#) - Disc - Planet interactions and planet migration (Review)

15:20-15:40 [Sijme-Jan Paardekooper](#) Migration of Super-Earths and Mini-Neptunes

15:40-16:00 [Dimitris Stamatellos](#) - Planet migration in self-gravitating protoplanetary discs

16:00-16:40 Coffee break & Posters

16:40-17:00 [Wlad Lyra](#) - Extreme planet-disk interaction: shock-driven turbulence for high mass planets

17:00-17:20 [Alex Dunhill](#) - Eccentric planets in protoplanetary discs

17:20-17:40 [Christoph Dürmann](#) - Planet migration in the type II regime

17:40-18:00 [Ruobing Dong](#) - Observational Signatures of Planets in Protoplanetary Disks

Conference dinner

Friday 3rd July

Planet formation; core accretion and disc fragmentation II

09:00-09:20 [Nader Haghighipour](#) - New models of planet formation in and around binary stars

09:20-09:40 [Wilhelm Kley](#) - Dynamics of disks and planets in circumbinary systems

09:40-10:00 [Shu-ichiro Inutsuka](#) - The Origin and Fate of Rings in Protoplanetary Disks

10:00-10:20 [Sebastian Stammer](#) - Chondrule Formation: Shock Model vs. Impact Model

10:20-10:40 [Xuening Bai](#) - Pebble Accretion in MRI Turbulence

10:40-11:20 Coffee break & posters

11:20-11:40 [Farzana Meru](#) - Triggered fragmentation in self-gravitating discs: forming fragments at small radii

11:40-12:00 [Bertram Bitsch](#) - Planet formation in evolving protoplanetary discs

12:00-12:20 [Chao-Chin Yang](#) - Planetesimal Formation by the Streaming Instability in a Magnetized Disc

12:20-12:40 [Daniel Carrera](#) - How to form planetesimals from mm-sized chondrules and chondrule aggregates

12:40-13:00 [Chris Ormel](#) - What can super-Earths atmospheres tell about their origin?

13:00-13:20 [Dimitri Veras](#) - The importance of debris discs in post-main-sequence planetary systems

13:20-14:00: Conference review