

Monday 9th

- **10:45-12:30: *Introduction and Review Talks*** – Chair: Anna Penzlin
 - **10:45-11:00: Introduction (Welcome, Code of Conduct, Logistics)**
 - **11:00-11:30: Review Talk: Protoplanetary Discs** — Richard Booth (Leeds)
 - **11:30-12:00: Review Talk: Debris Discs** — Mark Booth (Edinburgh)
 - **12:00-12:30: Review Talk: White Dwarf Discs** — Laura Rogers (Cambridge)
- **12:30-14:00: Lunch**

- **14:00-15:00: *Disc Structures 1*** – Chair: Lucy Evans
 - **14:00-14:12: Constraining the population of planets in debris disc systems with gaps and astrometric accelerations using JWST** — Raphael Bendahan-West (University of Exeter)
 - **14:12-14:24: The Inner Regions of Protoplanetary Discs** — Isabelle Codron (University of Exeter)
 - **14:24-14:36: How do planets carve smooth gaps in inviscid discs?** — Amelia Cordwell (DAMTP, University of Cambridge)
 - **14:36-14:48: Sandwich Planet Formation in action** — Maria de Juan Ovelar (University of Warwick)
 - **14:48-15:00: How Planet-Induced Disc Morphology Encourages Planetesimal Growth** — Amena Faruqi (University of Warwick)



- **15:00-15:30: Coffee break**

 - **15:30-16:30: *Disc Structures 2*** – Chair: Lucy Evans
 - **15:30-15:42: Directly imaging massive planets sculpting the inner edges of debris discs with JWST-MIRI** — Andrew James (University of Exeter)
 - **15:42-15:54: Multi-Wavelength Analysis of HD 32297's Edge-on Debris Disk** — Patricia Luppe (Trinity College Dublin)
 - **15:54-16:06: Shadows and spiral arcs in the Protoplanetary Disc HD 139614** — Katie Milsom (University of Exeter)
 - **16:06-16:18: Disc walls and fake vortices: crescent-shaped asymmetries in ALMA observations of protoplanetary discs** — Álvaro Ribas (Institute of Astronomy, University of Cambridge)

 - **16:20-16:50: All Poster Pop-ups**
 - **16:50-17:00: Conference Photo**
 - **17:00-18:00: Poster Session**
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Tuesday 10th

- **09:30-10:30: *Disc Composition & Chemistry 1*** – Chair: Álvaro Ribas
 - **09:30-09:42: Constraining the inner disk structure around intermediate mass YSOs from CO overtone emission** — Cade Bürgy (University College Dublin)
 - **09:42-09:54: Unraveling the origin of excess carbon in planet-forming environments around low-mass stars** — Javiera Díaz (University of Leeds)
 - **09:54-10:06: ARKS - Presenting spectrospatial distribution of CO gas in 18 nearby debris discs** — Sorcha Mac Manamon (Trinity College Dublin)
 - **10:06-10:18: Volatile composition of the planet-hosting disk HD 169142** — Luke Keyte (UCL)
 - **10:18-10:30: The detectability of amorphous and crystalline water ice in debris discs: insights from scattered light observations** — Minjae Kim (University of Warwick)

- **10:30-11:00: Coffee break**

- **11:00-12:00: *Disc Composition & Chemistry 2*** – Chair: Álvaro Ribas
 - **11:00-11:12: Chemcomp: Calculating disc and planetary compositions** — Bertram Bitsch (University College Cork) — online



Main Programme

- **11:12-11:24: A general framework for the chemical characterization of circumstellar gaseous discs around white dwarfs with Cloudy** — Felipe Lagos-Vilches (University of Warwick)
- **11:24-11:36: Constraining the rotational temperature of methanol in the planet-forming disc HD 100546** — Lucy Evans (University of Leeds)
- **11:36-11:48: The snow line instability in protoplanetary discs** — Alfie Robinson (Imperial College London)
- **11:48-12:00: Determining the H₂/CO Ratios of Gas Rich Exocometary Belts: Primordial or Secondary Origins?** — Kevin Smith (Trinity College Dublin)

- **12:00-13:30: Lunch**
- **13:30-14:30: EDI talk** — Ryan Arthur

- **14:30-15:30: *Star-disc Connection*** – Chair: Daniela Iglesias
 - **14:30-14:42: The rise and fall of the giant planet occurrence rate** — Heather Johnston (University of Leeds) — online
 - **14:42-14:54: What Time Can Tell Us About Space: Mapping Accretion in Intermediate-Mass YSO** — Ruhee Kahar (University of Dundee)
 - **14:54-15:06: Discs around neutron stars** — Bettina Posselt (University of Oxford)

- **15:06-15:35: Coffee break**



- **15:35-16:50: *Disc Properties 1*** – Chair: Daniela Iglesias
 - **15:35-15:47: Study of the degree of dust settling and turbulence in highly-inclined protoplanetary discs** — Juanita Antilen (UCL)
 - **15:47-15:59: Investigating YSO Dippers with XShooter** — Aaron Empey (University College Dublin)
 - **16:00-16:12: Results from the Planet-Earth Building-Blocks Legacy e-MERLIN Survey (PEBBLeS) - how do the rocks start forming in discs?** — Jane Greaves (Cardiff University)
 - **16:12-16:24: Exploring the Gas-Dust-Planetesimals Interplay in WD Debris Discs with SPH** — Rafael Martinez-Brunner (University of Warwick)
 - **16:24-16:36: A multi-wavelength study of the VLA 1623 protostellar system using JWST, ALMA and JVL**A — Isaac Radley (University of Leeds)

 - **16:36-16:50: Comfort Break**
 - **16:50-17:50: Discussion Session** — Tim Pearce (University of Warwick) & Andrew Swan (University of Warwick)
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Wednesday 11th

- **09:30-10:55: *Disc Properties 2 + New and Improved Models/Methods 1*** - Chair: Matthäus Schulik

Disc Properties 2

- **09:30-09:42: Constraints on the physical origin of large cavities in transition disks from multi-wavelength dust continuum emission** — Anibal Sierra (Mullard Space Science Laboratory, University College London)

New and Improved Models/Methods 1

- **09:42-09:54: Horseshoes and spiral waves: capturing the 3D flow near a low-mass planet analytically** — Joshua Brown (DAMTP, University of Cambridge)
- **09:54-10:06: The properties of embedded disc-instability protoplanets** — Ethan Carter (University of Central Lancashire)
- **10:06-10:18: A flared model of gaseous white dwarf accretion discs** — Yixuan Chen (Imperial College London)
- **10:18-10:30: Characterizing Infall-Driven Gravitational Instability in Protostellar Discs** — Cristiano Longarini (University of Cambridge, Institute of Astronomy)
- **10:30-10:42: Exocomet Hunting with Convolutional Neural Networks** — Azib Norazman (University of Warwick)
- **10:42-10:54: Realistic modelling of radiative cooling for gravitationally unstable discs** — Alison Young (University of Edinburgh)



- **10:55-11:25: Coffee break**

- **11:25-12:50: *New and Improved Models/Methods 2 + Disc Processes 1*** - Chair: Matthäus Schulik

New and Improved Models/Methods 2

- **11:25-11:37: The Role of Drag and Gravity on Dust Concentration in a Gravitationally Unstable Disc** — Sahl Rowther (University of Leicester)
- **11:37-11:49: Pebble drift in HD 163926 - constraining the mass of dust and ice reaching the terrestrial planet formation region** — Joe Williams (University of Exeter)

Disc Processes 1

- **11:49-12:01: On the role of resonance absorption in flows receptive to the magnetorotational instability** — Mattias Brynjell-Rahkola (DAMTP, University of Cambridge)
- **12:01-12:13: The effect of disc photoevaporation on the evolution of migrating giant planets** — Emmanuel Greenfield (Imperial College London)
- **12:13-12:25: Hydrodynamic instability and warping in vertically bouncing accretion disks** — Loren E Held (DAMTP, University of Cambridge)
- **12:25-12:37: Disc evolution in intermediate mass stars: survey extension** — Daniela Iglesias (University of Leeds)



Main Programme

- **12:37-12:49: Dust dynamics in the inner regions of protoplanetary disks** — Thomas Jannaud (DAMTP, University of Cambridge)

- **12:50-14:20: Lunch**

- **14:20-15:45: *Disc Processes 2*** - Chair: Alexandros Ziampras
 - **14:20-14:32: From Minutes to Decades: Dynamical Activity in Planetary Debris Disks Around White Dwarfs** — Hiba tu Noor (UCL)
 - **14:32-14:44: Analysis of triggered fragmentation in self-gravitating discs** — Pratishta Rawat (University of Warwick)
 - **14:44-14:56: Discs within discs - formation conditions and structures in moon forming discs** — Matthäus Schulik (Imperial College London)
 - **14:56-15:08: The Fomalhaut disc's high interior dust content: PR-drag-caused and universal?** — Max Sommer (University of Cambridge, Institute of Astronomy)
 - **15:08-15:20: On the origin of the wide orbit circumbinary gas giant planet, Delorme 1 (AB)b** — Matthew Teasdale (University of Central Lancashire)
 - **15:20-15:32: Can the dominant mechanism for angular momentum transport be identified by measuring gas disc sizes?** — Simin Tong (University of Leicester)
 - **15:32-15:44: Planet Formation in the Inner Disc** — Morgan Williams (Imperial College London)

- **15:45-15:50: Closing remarks**

