

Session Program

26-29 Aug 2025

Multiplicity in Young Stars

Discs in multiple systems

Niels Bohr Institute

Margrethe Bohr Auditorium Niels Bohr Building Jagtvej 132 DK-2200 Copenhagen

Thursday 28 August

09:00

Discs in multiple systems

Session |

Location: Niels Bohr Institute, Margrethe Bohr Auditorium Niels Bohr Building Jagtvej 132 DK-2200 Copenhagen |

Convener: Prof. Nicolas Cuello

09:00-09:40 **Chopping and changing: How multiplicity shapes disc evolution****Speaker**

Prof. Daniel Price

09:40-10:00 **The Dynamics of Disks in Multi-Star Systems****Speaker**

Dr Ian Rabago

10:00-10:20 **On the lower limit of circumbinary disk fragmentation****Speaker**

Mr Matt Teasdale

10:20

10:40

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10:40-11:00

Where do grains grow in binary systems ? A 3D hydrodynamical approach**Speaker**

Mr Antoine Alaguero

11:00-11:20

Sculpting the inner edge - thermodynamic effects on circumbinary discs**Speaker**

Dr Anna Penzlin

11:20-11:40

Hotter Together: The Impact of Asymmetric Radiation on Disc Chemistry and Dynamics in Stellar Binaries**Speaker**

Mr Pedro Poblete Rivera

11:40-12:00

Magnetic-Field-Driven Orbital Decay in Accreting Binary Systems**Speaker**

Prof. Tomoaki Matsumoto

12:00