

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

Discs in multiple systems

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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