

Session Program

26-29 Aug 2025

Multiplicity in Young Stars

Planet formation and stability in multiple systems

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

Wednesday 27 August

13:40

Planet formation and stability in multiple systems

Session |

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

Convener: Prof. Bo Reipurth

13:40–14:00

Growing binary/multiple star systems as sources of free floating planets and FU Ori outbursts

Speaker

Prof. Sergei Nayakshin

14:00–14:20

On the use of Gaia astrometry to identify companions in Young Stars

Speaker

Dr Miguel Vioque

14:20–14:40

Polar circumbinary discs and planets around binary star systems

Speaker

Dr Jeremy Smallwood

14:40

15:10

Planet formation and stability in multiple systems

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15:10–15:50

The effect of binary formation on planet formation

Speaker

Prof. Kaitlin Kratter

15:50–16:10

Disk evolution and planet formation in the Triple HD104237 System

Speaker

Dr Antonio Hales

16:10–16:30

The critical role of cooling in shaping circumbinary disk cavities: hydrodynamics and observational comparisons

Speaker

Ms Prakruti Sudarshan

16:30