

The formation and long-term evolution of circumbinary planetary systems across the H-R diagram

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Stellar binary formation and the disc properties of binary systems

Tuesday 14 January 2025 14:00 (35 minutes)

I will discuss the formation mechanisms and resulting properties of stellar binary systems that are obtained from radiation hydrodynamical simulations of star cluster formation. I will also discuss the properties of the protoplanetary discs that are formed with these systems, concentrating on the frequencies and properties of circumbinary discs.

Presenter: BATE, Matthew

Session Classification: CB disc properties and planet formation