



# Sommerfeld Theory Colloquium

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Gone with the wind: The demise of protoplanetary discs and the birth of planets

Protoplanetary discs are natural consequence of star formation. These discs hold the left-over material from star formation, which constitutes the reservoir from which new planetary systems may form. The fate of a new planetary is then intimately linked to the evolution and final dispersal of the disk from which is born, which determines also the striking diversity observed in extra-solar planetary systems. I will briefly review our understanding of disc dispersal via a photo-evaporative wind in the context of planet formation, and show how both processes are finally dominated by the irradiation from their central star.

Wednesday, 11 May 2016, 16:15h, Room A348/349, Theresienstr. 37/III

Prof. S. Hofmann