

Colloquium

SFB 956

Conditions and Impact of Star Formation

5 July 2021

Monday 3:30 pm

Physikalische Institute Köln

Video stream / Host: Peter Schilke

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On the Universality of the Star-formation Processes

Star formation is a key astrophysical process. On small scales, it governs the settling of planetary systems and the complex chemistry allowing the emergence of life. On large scales, star formation controls the energy budget of galaxies. In this presentation, I will review some key similarities and differences between low- and high-mass star formation in line with one of the most important outcomes of star-formation: the initial mass of stars (IMF). We will question both its origin and universality, two hot topics in modern astrophysics.

