



# **INTERSTELLAR DUST PROPERTIES AND COSMIC DUST MODELS**

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Monday, July 19, 2021, 13:30-15:15 (CEST)

This lecture will review the current dust models and the techniques aimed at deriving relevant physical parameters from observations. It will focus on the optical properties of interstellar grains, as well as dust emission and extinction. It will discuss in situ grain evolution as a function of the UV field and density. This lecture will not only discuss the underlying physics, but also the available diagnostics, as a function of environmental conditions, spatial resolution and spectral coverage.