

Cosmic Dust: origin, applications & implications



Monday 11 June 2018 - Friday 15 June 2018

Geological Museum, University of Copenhagen

Scientific Programme

What is dust?

Observational constraints on dust properties
Laboratory studies of cosmic dust
Molecules and dust

The creation and evolution of dust

Dust production by massive stars and supernovae
Dust production in lower-mass stars
Non-stellar dust production and the dust cycle in the ISM

Dust as a tool

Dust in the early universe
Dust as a probe in galaxies
Dust in AGN
Dust as a tracer in the Milky Way and local galaxies

Dust in planet-forming disks

Grain growth and planet formation and debris disks
Dust in the Solar System