

6th Institute of Space Sciences Summer School: Life Cycle of Dust



Monday 03 July 2023 - Thursday 13 July 2023

Institute of Space Sciences

Programme Overview

A detailed schedule of the school's programme is now available at [School Timetable](#)

- Lectures
- Introduction to dust astrophysics
- Characterizing cosmic dust particles
- Grain growth
- Dust particle distribution
- Dust formation in evolved stars and the ISM
- Dust in star formation
- Dust in disks
- Dust in the early Universe
- Dust in extreme environments
- Meteorites and solar system dust
- Astronomical facilities to study the dust
- X-ray observations of dust
- Millimeter and radio observations of dust
- Polarimetric observations of dust and magnetic fields
- Quantum chemical modelling of dust
- Chemistry in dust surfaces
- Hands-on and Activities
- Dust opacities
- SED modelling
- ALMA imaging analysis of dust
- Tours through Institute facilities
- Laboratory tours