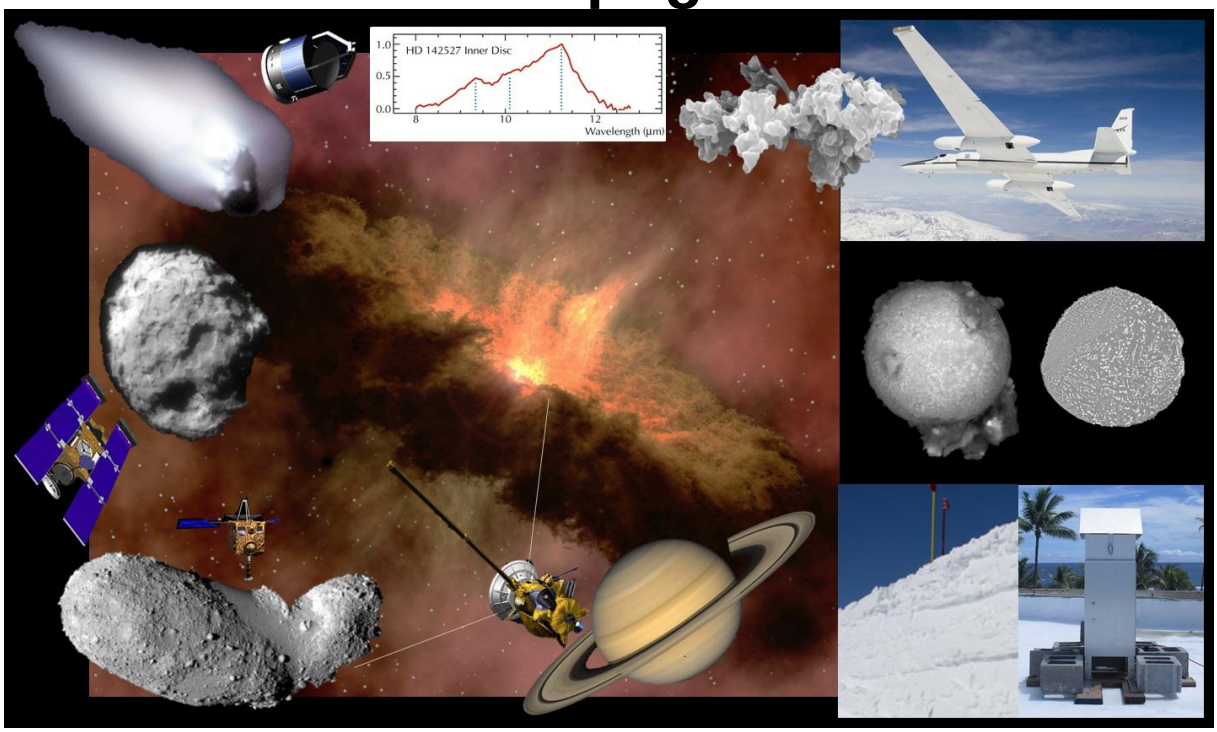
ROYAL ASTRONOMICAL SOCIETY SPECIALIST DISCUSSION MEETING

Cosmic dust in space and on Earth: interplanetary, interstellar and anthropogenic



Organisers:
Penelope Wozniakiewicz (University of Kent), Mark Price (University of Kent), Matt Genge (Imperial College London) and Mark Burchell (University of Kent)

Friday, 11 December 2015

Royal Astronomical Society Lecture Theatre
Burlington House, Piccadilly

Extraterrestrial dust particles preserve details of the interplanetary (asteroids, comet, planets and planetary satellites) and interstellar bodies from which they originate, and can ultimately provide insights into the origin and evolution of our Solar System. As we continue to explore and populate our Solar System with spacecraft, this dust, as well as dust generated by human activities, is also becoming an increasing concern, prompting efforts to monitor levels and investigate and mitigate the hazards they pose. This meeting aims to bring together researchers involved in the study of natural and anthropogenic cosmic dust, including those studying data from observatories and space missions, analysing mission returned samples and cosmic dust collected here on Earth, as well as those performing relevant modelling and experiments.

This Specialist Discussion Meeting is open to all; admission is free for RAS members, £15 for non-members (£5 for full-time students). For further details of location and times see www.ras.org.uk or phone the Society on 0207-734-3307