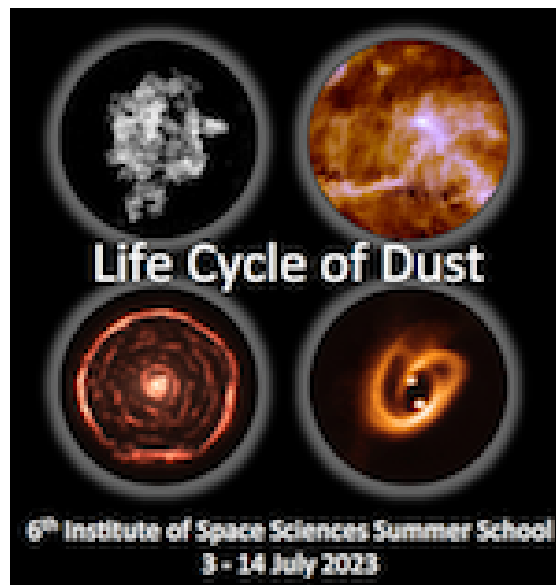


6th Institute of Space Sciences Summer School: Life Cycle of Dust



Report of Contributions

Contribution ID : 7

Type : **not specified**

Welcome to the Summer School

Monday, 3 July 2023 11:15 (45)

Presenter(s) : KEMPER, Ciska; CORTÉS, Noemí; GIRART, Josep Miquel; SANCHEZ-MONGE, Alvaro; TORRELLES, Jose Maria

Session Classification : Welcome sessions

Contribution ID : 8

Type : **not specified**

Introduction to Institute of Space Sciences

Monday, 3 July 2023 12:15 (45)

Presenter(s) : TORRES, Diego; SERENELLI, Aldo

Session Classification : Welcome sessions

Contribution ID : 9

Type : **not specified**

Introduction to dust astrophysics I

Monday, 3 July 2023 14:00 (105)

Presenter(s) : SANCHEZ-MONGE, Alvaro

Session Classification : Lecture

Contribution ID : **10**

Type : **not specified**

Introduction to dust astrophysics II

Monday, 3 July 2023 16:15 (105)

Presenter(s) : KEMPER, Ciska

Session Classification : Lecture

Contribution ID : 11

Type : **not specified**

Characterizing cosmic dust particles from photopolarimetry

Tuesday, 4 July 2023 09:00 (105)

Presenter(s) : MUÑOZ, Olga

Session Classification : Lecture

Contribution ID : 12

Type : **not specified**

Quantum chemical modelling of dust

Tuesday, 4 July 2023 11:15 (105)

Presenter(s) : BROMLEY, Stefan

Session Classification : Lecture

Contribution ID : 13

Type : **not specified**

Dust opacities and radiative transfer

Tuesday, 4 July 2023 14:00 (105)

Presenter(s) : KEMPER, Ciska; SANCHEZ-MONGE, Alvaro

Session Classification : Labs and hands-on

Contribution ID : 14

Type : **not specified**

Dust opacities and radiative transfer

Tuesday, 4 July 2023 16:15 (105)

Presenter(s) : KEMPER, Ciska; SANCHEZ-MONGE, Alvaro

Session Classification : Labs and hands-on

Contribution ID : 15

Type : **not specified**

Dust formation in AGB stars

Wednesday, 5 July 2023 09:00 (105)

Presenter(s) : KEMPER, Ciska

Session Classification : Lecture

Contribution ID : 16

Type : **not specified**

X-ray observations of dust

Wednesday, 5 July 2023 11:15 (105)

Presenter(s) : ZEEGERS, Sascha

Session Classification : Lecture

Contribution ID : 17

Type : **not specified**

X-ray spectroscopy with SPEX

Wednesday, 5 July 2023 14:00 (105)

Presenter(s) : ZEEGERS, Sascha

Session Classification : Labs and hands-on

Contribution ID : **18**

Type : **not specified**

X-ray spectroscopy with SPEX

Wednesday, 5 July 2023 16:15 (105)

Presenter(s) : ZEEGERS, Sascha

Session Classification : Labs and hands-on

Contribution ID : **19**

Type : **not specified**

Dust in the early Universe (theoretical)

Thursday, 6 July 2023 09:00 (105)

Presenter(s) : SCHNEIDER, Raffaella

Session Classification : Lecture

Contribution ID : 20

Type : **not specified**

The life cycle of dust in galaxies (observational)

Thursday, 6 July 2023 11:15 (105)

Presenter(s) : KEMPER, Ciska

Session Classification : Lecture

Contribution ID : 21

Type : **not specified**

Dust in extreme environments (observational)

Thursday, 6 July 2023 14:00 (105)

Presenter(s) : KEMPER, Ciska

Session Classification : Lecture

Contribution ID : 22

Type : **not specified**

Dust in extreme environments (theoretical)

Thursday, 6 July 2023 16:15 (105)

Presenter(s) : SCHNEIDER, Raffaella

Session Classification : Lecture

Contribution ID : 23

Type : **not specified**

Dust as a tracer of the ISM - GAIA

Friday, 7 July 2023 09:00 (105)

Presenter(s) : DHARMAWARDENA, Thavisha

Session Classification : Lecture

Contribution ID : 24

Type : **not specified**

Student presentations

Friday, 7 July 2023 11:15 (105)

Presenter(s): PLACINTA MITREA, Alexandru Florin; MAHANI, Hamidreza; ORTE, Maialen; DÍAZ, Elena; DEMIR, Doğa; ZSÍROS, Szanna

Session Classification : Lecture

Contribution ID : 25

Type : **not specified**

Facilities tour / excursion to the ALBA synchrotron

Friday, 7 July 2023 14:00 (240)

Session Classification : Labs and hands-on

Contribution ID : 26

Type : **not specified**

Astronomical facilities to study the dust - from optical to radio

Monday, 10 July 2023 09:00 (105)

Presenter(s) : GIRART, Josep Miquel

Session Classification : Lecture

Contribution ID : 27

Type : **not specified**

Grain growth from sub-micron to pebble-sized grains: theory

Monday, 10 July 2023 11:15 (105)

Presenter(s) : GUILLET, Vincent

Session Classification : Lecture

Contribution ID : 28

Type : **not specified**

Dust as a tracer of magnetic fields at core's scales

Monday, 10 July 2023 14:00 (105)

Presenter(s) : GIRART, Josep Miquel

Session Classification : Lecture

Contribution ID : **29**

Type : **not specified**

Accretion disk models in diverse environments

Monday, 10 July 2023 16:15 (105)

Presenter(s) : OSORIO, Mayra

Session Classification : Lecture

Contribution ID : **30**

Type : **not specified**

Dust as a tracer of star formation

Tuesday, 11 July 2023 09:00 (105)

Presenter(s) : BUSQUET, Gemma

Session Classification : Lecture

Contribution ID : 31

Type : **not specified**

Dust as a tracer of magnetic fields at Galactic scales - Planck

Tuesday, 11 July 2023 11:15 (105)

Presenter(s) : GUILLET, Vincent

Session Classification : Lecture

Contribution ID : **32**

Type : **not specified**

ALMA imaging analysis of the dust

Tuesday, 11 July 2023 14:00 (105)

Presenter(s) : GIRART, Josep Miquel; SANCHEZ-MONGE, Alvaro

Session Classification : Labs and hands-on

Contribution ID : 33

Type : **not specified**

ALMA imaging analysis of the dust

Tuesday, 11 July 2023 16:15 (105)

Presenter(s) : GIRART, Josep Miquel; SANCHEZ-MONGE, Alvaro

Session Classification : Labs and hands-on

Contribution ID : 34

Type : **not specified**

Observations of dust at star-forming core scales

Wednesday, 12 July 2023 09:00 (105)

Presenter(s) : MAURY, Anaëlle

Session Classification : Lecture

Contribution ID : 35

Type : **not specified**

Dust particle distribution in protoplanetary disks from millimeter observations

Wednesday, 12 July 2023 11:15 (105)

Presenter(s) : CARRASCO-GONZÁLEZ, Carlos

Session Classification : Lecture

Contribution ID : 36

Type : **not specified**

Grain growth

Wednesday, 12 July 2023 14:00 (105)

Presenter(s) : MÉNARD, François

Session Classification : Lecture

Contribution ID : 37

Type : **not specified**

Chemistry on dust surfaces: H₂ formation and molecular diversity

Wednesday, 12 July 2023 16:15 (105)

Presenter(s) : RIMOLA, Albert

Session Classification : Lecture

Contribution ID : **38**

Type : **not specified**

Meteorites

Thursday, 13 July 2023 09:00 (105)

Presenter(s) : TRIGO-RODRÍGUEZ, Josep M.

Session Classification : Lecture

Contribution ID : **39**

Type : **not specified**

Pre-solar and Solar System dust

Thursday, 13 July 2023 11:15 (105)

Presenter(s) : TRIGO-RODRÍGUEZ, Josep M.

Session Classification : Lecture

Contribution ID : **40**

Type : **not specified**

Laboratory tours

Thursday, 13 July 2023 14:00 (240)

Session Classification : Labs and hands-on