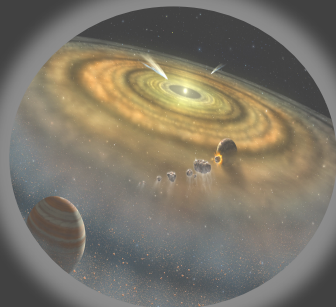
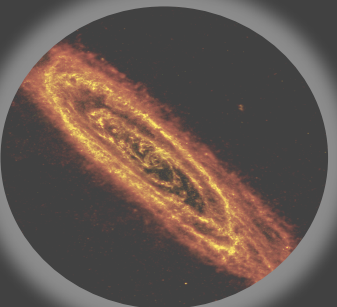
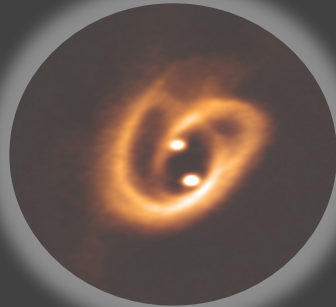
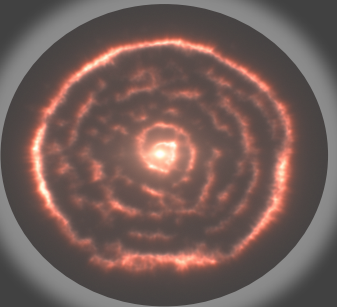
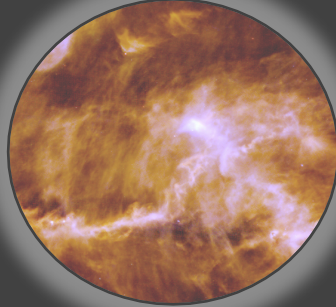
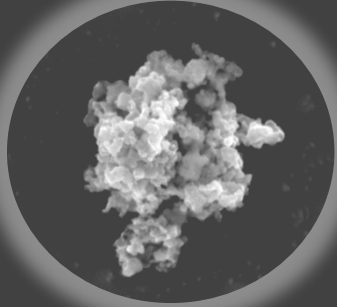


Life Cycle of Dust



Logistics
information

School's webpage

<https://indico.ice.csic.es/e/summer2023>



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

3-13 July 2023
Institute of Space Sciences
Europe/Madrid timezone

6th Institute of Space Sciences Summer School

Overview

Programme Overview

Lecturers

Venue

Participants

Timetable

Contribution List

Important Dates

Registration

School Fee

Accommodation

School Poster

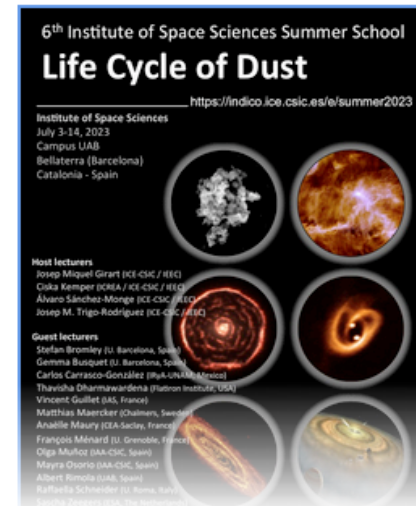
Presentation

The Institute of Space Sciences (ICE-CSIC / IEEC) is an institution at the forefront of scientific and technological research with the mission of contributing to the general advance of studies of the Cosmos.

The theme of the **6th Institute of Space Sciences Summer School** will be the **Life Cycle of Dust**.

Rationale

Interstellar dust is the mass reservoir of the heavier elements synthesized in the interior of stars and in supernovae (Ma, Si



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

<https://indico.ice.csic.es/e/summer2023>

Institute of Space Sciences
July 3-14, 2023
Campus UAB
Bellaterra (Barcelona)
Catalonia - Spain

Host lecturers
Josep Miquel Girart (ICE-CSIC / IEEC)
Ciska Kemper (ICREA / ICE-CSIC / IEEC)
Álvaro Sánchez-Monge (ICE-CSIC / IEEC)
Josep M. Trigo-Rodríguez (ICE-CSIC / IEEC)

Guest lecturers
Stefan Bromberg (U. Barcelona, Spain)
Gemma Busquet (U. Barcelona, Spain)
Carlos Carrasco-González (IMPA-UNED/Madrid)
Tharunya Dharmawardena (Fusion Institute/USA)
Vincent Gullet (IAS, France)
Matthias Maercker (Chalmers, Sweden)
Anaëlle Maury (CEA-Saclay, France)
François Michard (U. Grenoble, France)
Olga Muñoz (IAA-CSIC, Spain)
Miyara Osorio (IAA-CSIC, Spain)
Albert Rimola (UAB, Spain)
Raffaella Schneider (U. Roma, Italy)

School's webpage

<https://indico.ice.csic.es/e/summer2023>



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

6th Institute of Space Sciences Summer School
3 - 14 July 2023

3-13 July 2023
Institute of Space Sciences
Europe/Madrid timezone

6th Institute of Space Sciences Summer School

- Overview
- Programme Overview
- Lecturers
- Venue
- Participants
- Timetable**
- Contribution List
- Important Dates
- Registration
- School Fee
- Accommodation
- School Poster

Timetable

< **Mon 03/07** Tue 04/07 Wed 05/07 Thu 06/07 Fri 07/07 Sat 08/07 Sun 09/07 Mon 10/07 >

Print PDF Full screen Detailed view Filter

08:00

09:00

Registration

School's webpage

<https://indico.ice.csic.es/e/summer2023>



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

6th Institute of Space Sciences Summer School
3 - 14 July 2023

3-13 July 2023
Institute of Space Sciences
Europe/Madrid timezone

6th Institute of Space Sciences Summer School

- Overview
- Programme Overview
- Lecturers
- Venue
- Participants
- Timetable
- Contribution List**
- Important Dates
- Registration
- School Fee
- Accommodation
- School Poster

Contribution List

☰ 34 / 34 🔍 Enter #id or search string ⏴ 📄 🔗

7. Welcome to the Summer School

👤 Ciska Kemper, Noemí Cortés, Josep Miquel Girart, Alvaro Sanchez-Monge, Jose Maria Torrelles
🕒 03/07/2023, 11:15

Welcome sessions

8. Introduction to Institute of Space Sciences

👤 Diego Torres, Aldo Serenelli
🕒 03/07/2023, 12:15

Welcome sessions

9. Introduction to dust astrophysics I

👤 Alvaro Sanchez-Monge
🕒 03/07/2023, 14:00

Lecture

10. Introduction to dust astrophysics II

Materials for each lecture and hands-on session can be found here

School's timetable

First week

| Monday July 3 | Tuesday July 4 | Wednesday July 5 | Thursday July 6 | Friday July 7 |
|------------------|-------------------|---------------------------|--------------------|------------------------------|
| | | | | |
| | | | | |
| Welcome | | | | Student talks |
| Lunch break | | | | |
| | Hands-on | Hands-on | | Visit to ALBA synchrotron |
| | | | | |
| | Hands-on | Hands-on | | |
| | | School's social dinner | | |

School's timetable

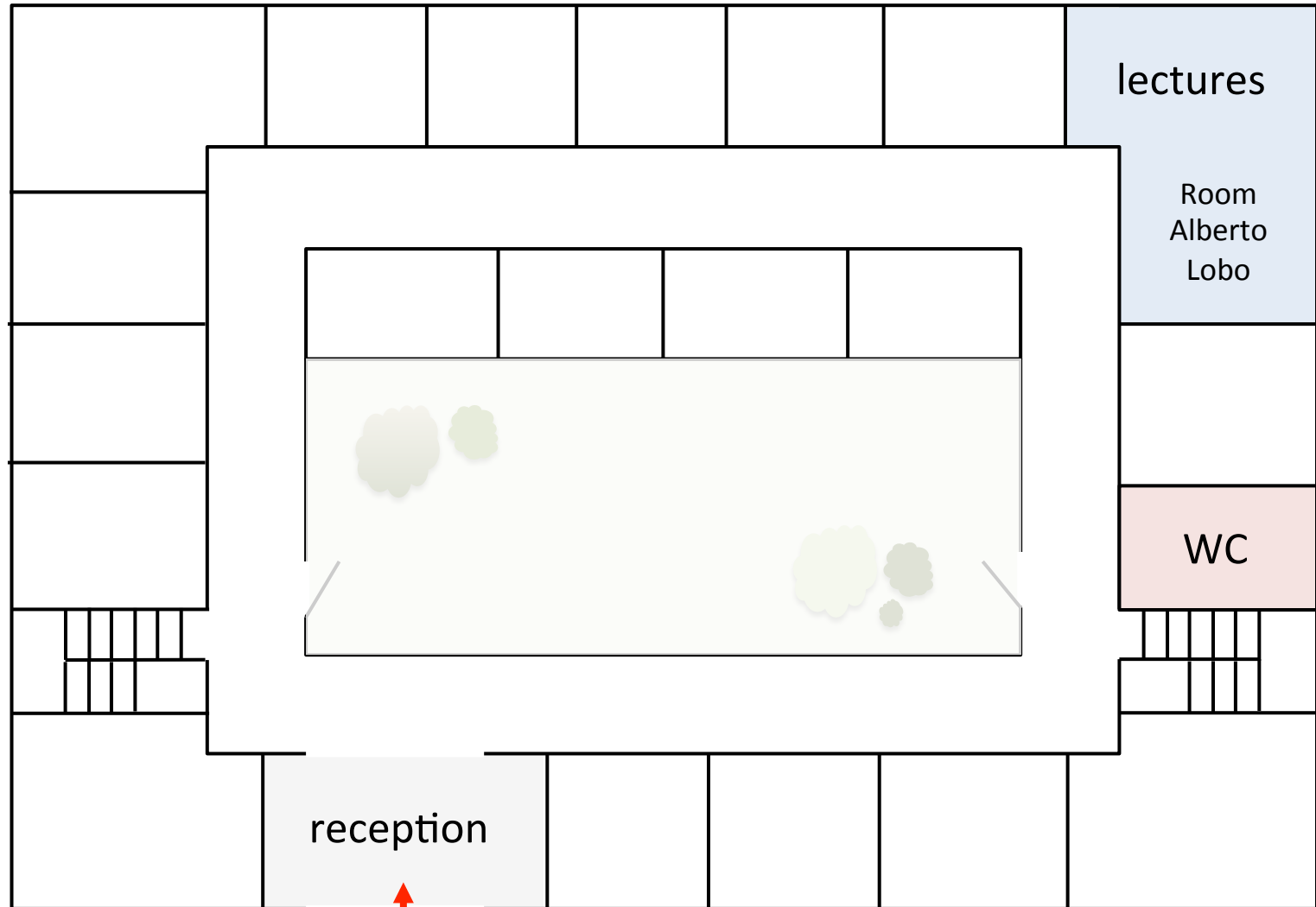
Second week

| Monday July 10 | Tuesday July 11 | Wednesday July 12 | Thursday July 13 | Friday July 14 |
|-------------------|--------------------|----------------------|---------------------|-------------------|
| | | | | |
| | | | | |
| | | | | |
| Lunch break | | | | |
| | Hands-on | | Laboratory tours | |
| | | | | |
| | Hands-on | | | |
| | | | | |
| | | | | |
| | | | | |

Location of rooms

Floor 1

Institute of Space Sciences



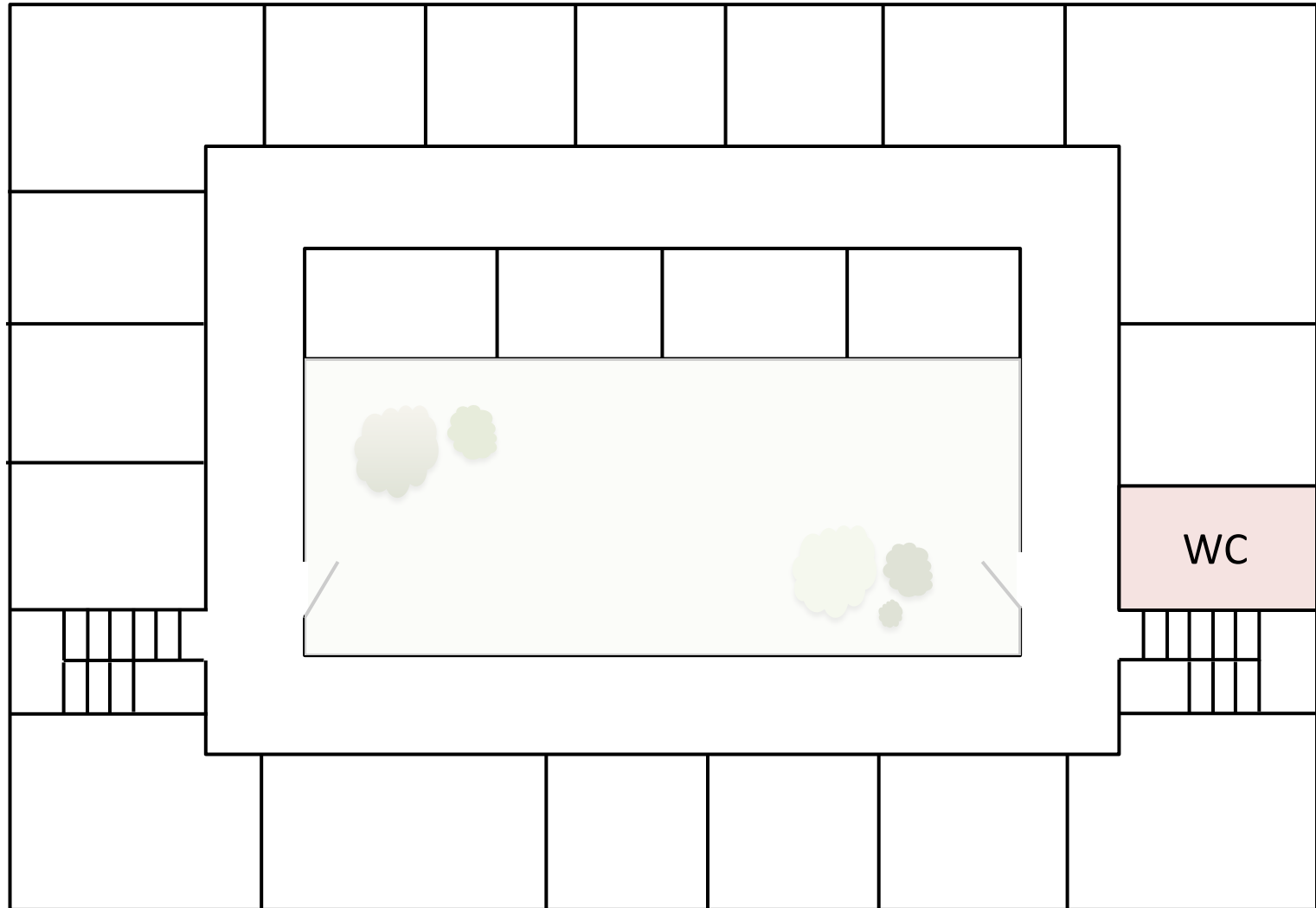
Please, do not enter with food

Entrance to the institute

Location of rooms

Floor 2

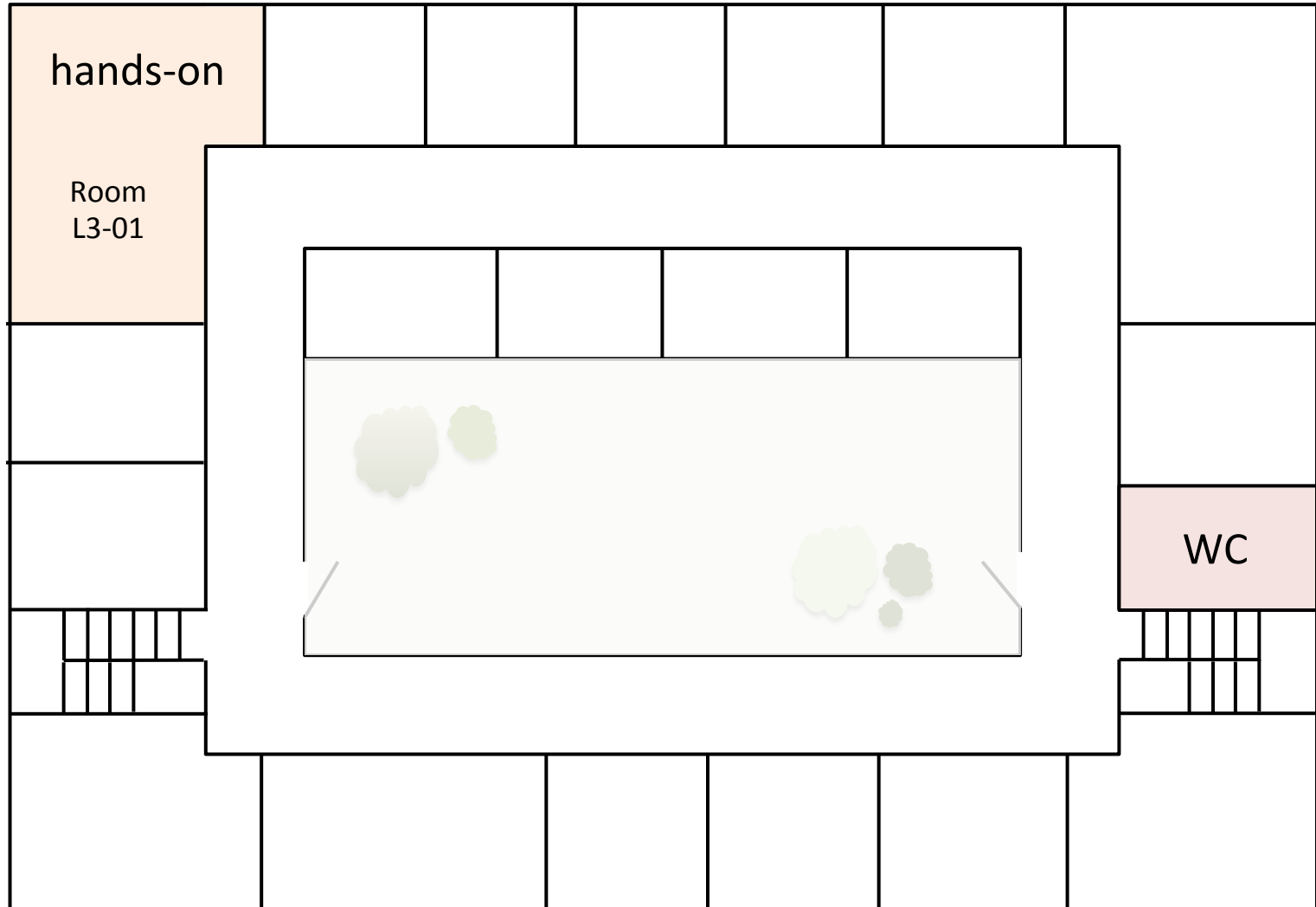
Institute of Space Sciences



Location of rooms

Floor 3

Institute of Space Sciences



hands-on

Room
L3-01

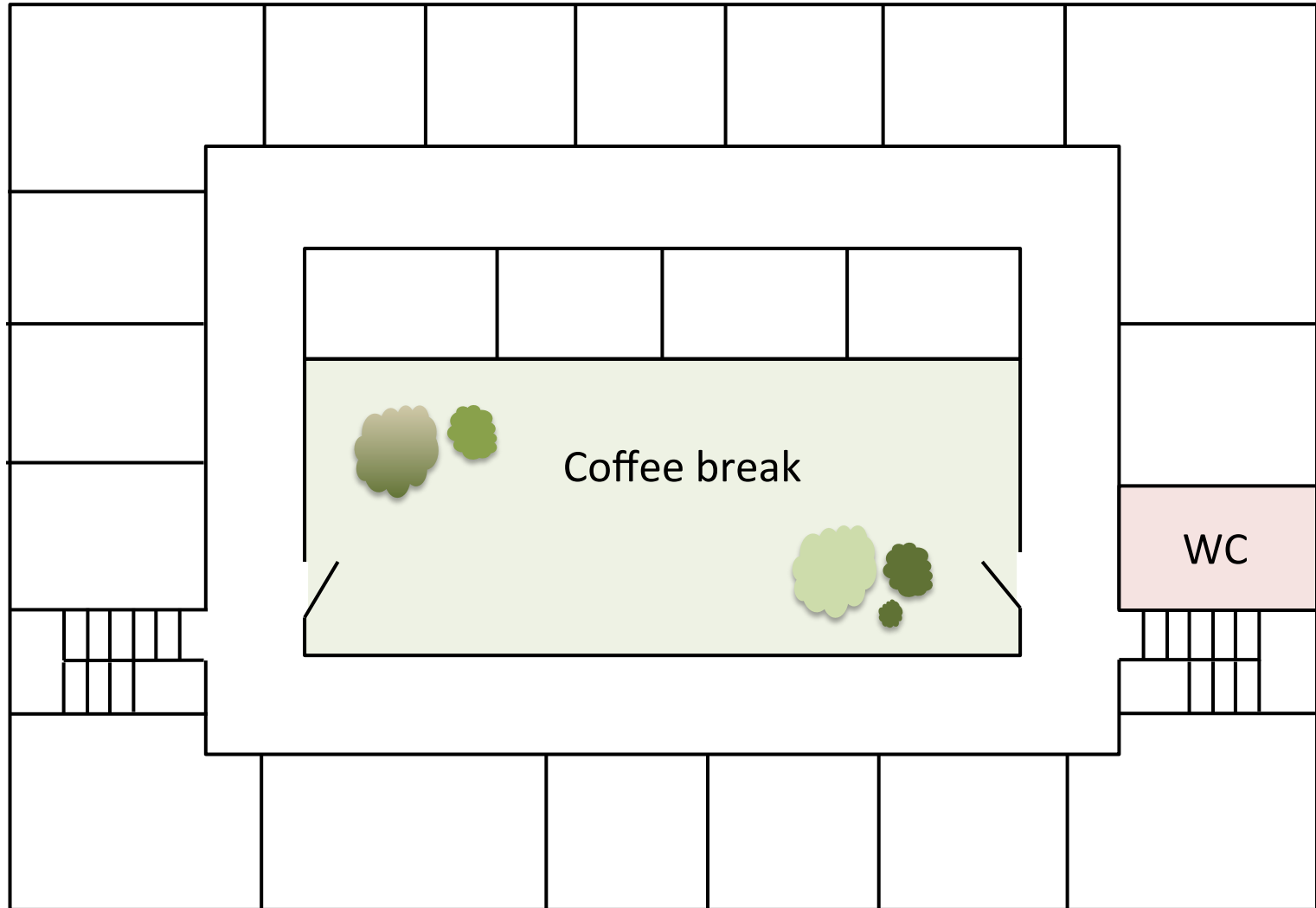
WC

Please, do not
enter with food

Location of rooms

Floor 0

Institute of Space Sciences



Specific information

Material for the different lectures and hands-on sessions will be uploaded to the webpage during the school

For the [hands-on sessions](#):

| | |
|---------------------|--------------------------------------|
| based on the survey | 77% with computer (Linux / Mac) – 20 |
| | 23% with computer (other) – 6 |

We recommend that people without computer (or without Linux/Mac) to join another participant to create small groups of 2-3 people

For the visit to the [ALBA synchrotron](#), it may be hot! (climate change) we will provide a bottle of water, but bring some hat or cap if you have

At the end of the welcoming talks we will provide more information about [lunches and the social dinner](#)

Wi-Fi networks

- Network name: **eduroam** your own credentials
(available in all the campus)
- Network name: **Third** no username
password: [icebarcelona2023](#)
(available within the institute)

LOC members

Ask for help to any of these persons if you need it:



Noemí
Cortés



Ciska
Kemper



Chema
Torrelles

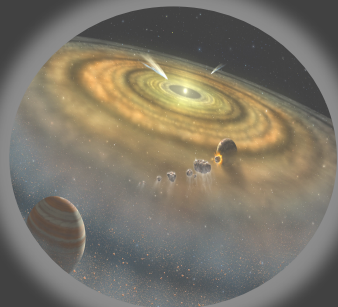
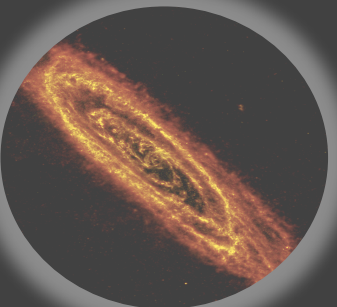
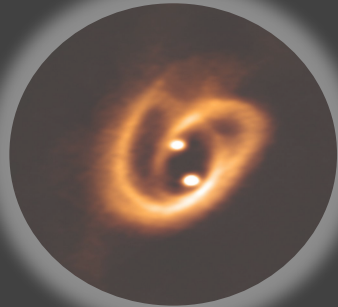
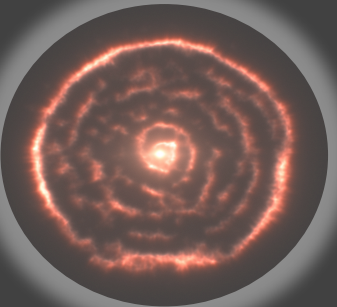
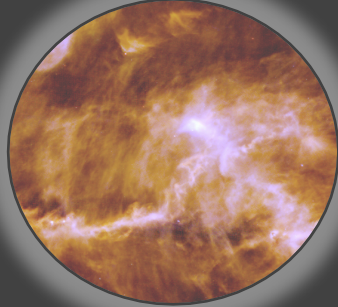
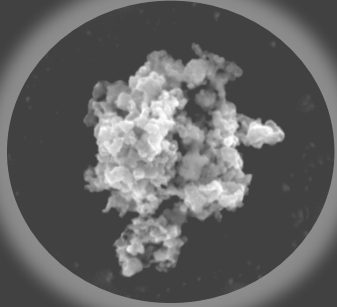


Josep Miquel
Girart



Álvaro
Sánchez-Monge

Life Cycle of Dust



Welcome