# mm Universe 2023

3rd edition · 26-30 June 2023

LPSC Grenoble · France



## Welcome in Grenoble

and at LPSC

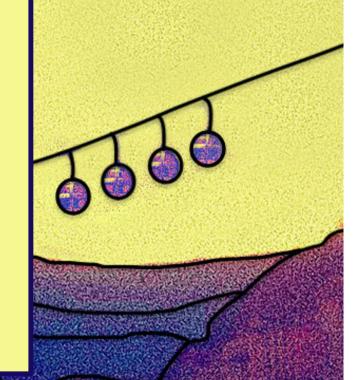
Laboratory for Subatomic Physics and Cosmology

CNRS & Université Grenoble Alpes (UGA)

## 95 talks!

- mm Cosmology (CMB & clusters)
- Thermal & kinetic SZ
- Galaxy cluster physics (SZ, X, visible)
- Galaxy formation in the early Universe
- Nearby galaxies
- Galactic star formation
- From dust to planets
- mm instruments
- Simulations

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## To all speakers

### Please

- upload your slides on indico
- → if it doesn't work, send them to me
- keep at least 5 minutes for questions

in your allocated time-slot



A. Catalano

M. Muñoz-Echeverría

D. Cherouvrier

J. Paquien

C. Hanser

L. Perotto

J. F. Macías Pérez

S. Savorgnano

F. Mayet (chair)

C. Vannier

A. Moyer



Entrance is at the main gate

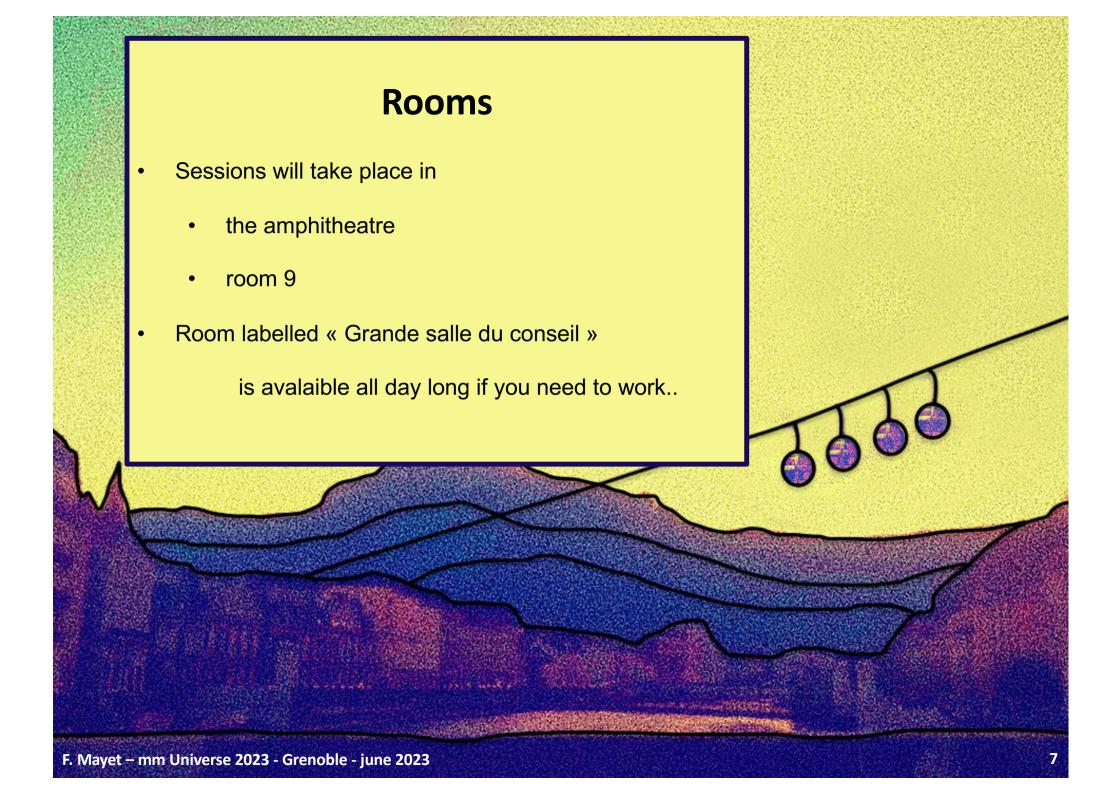
Wearing your mm Universe badge will accelerate the process

Main gate closes at 2:30 pm (except today)

You should enter before...

- To exit LPSC: use the door just below the stoop.
- LPSC is a restricted area

You should not wander around...





Coffee breaks & lunches will be served at LPSC

in the room downstairs (Cafeteria)

(just follow the signs)

Lunches also include vegetarian menus.



- Tuesday 12:00: conference picture in front of LPSC
- Wednesday 06:00 pm : conference reception (@ LPSC)
- Wednesday 08:00 pm : conference dinner

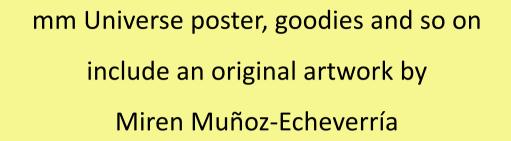
if you have paid for it ...

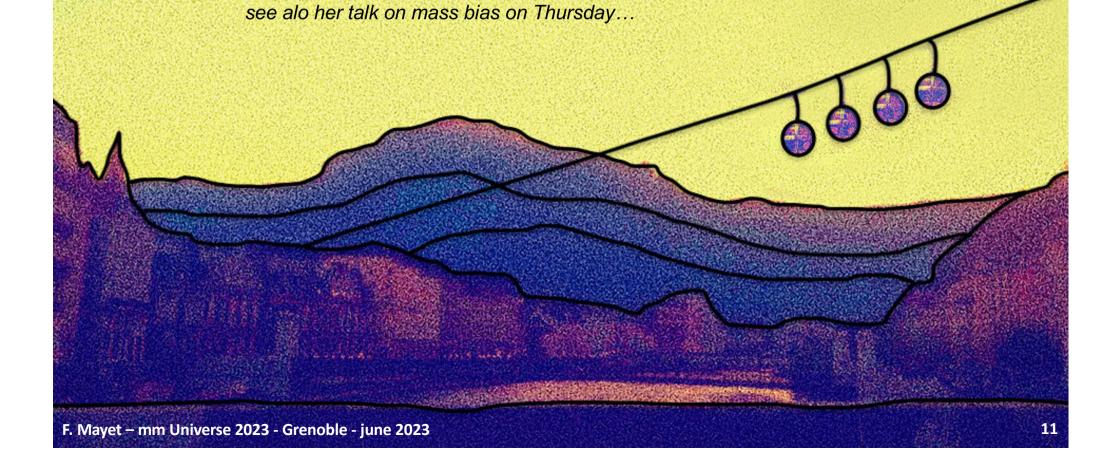
at the restaurant *le Bouillon A* (2 tram stops from LPSC)

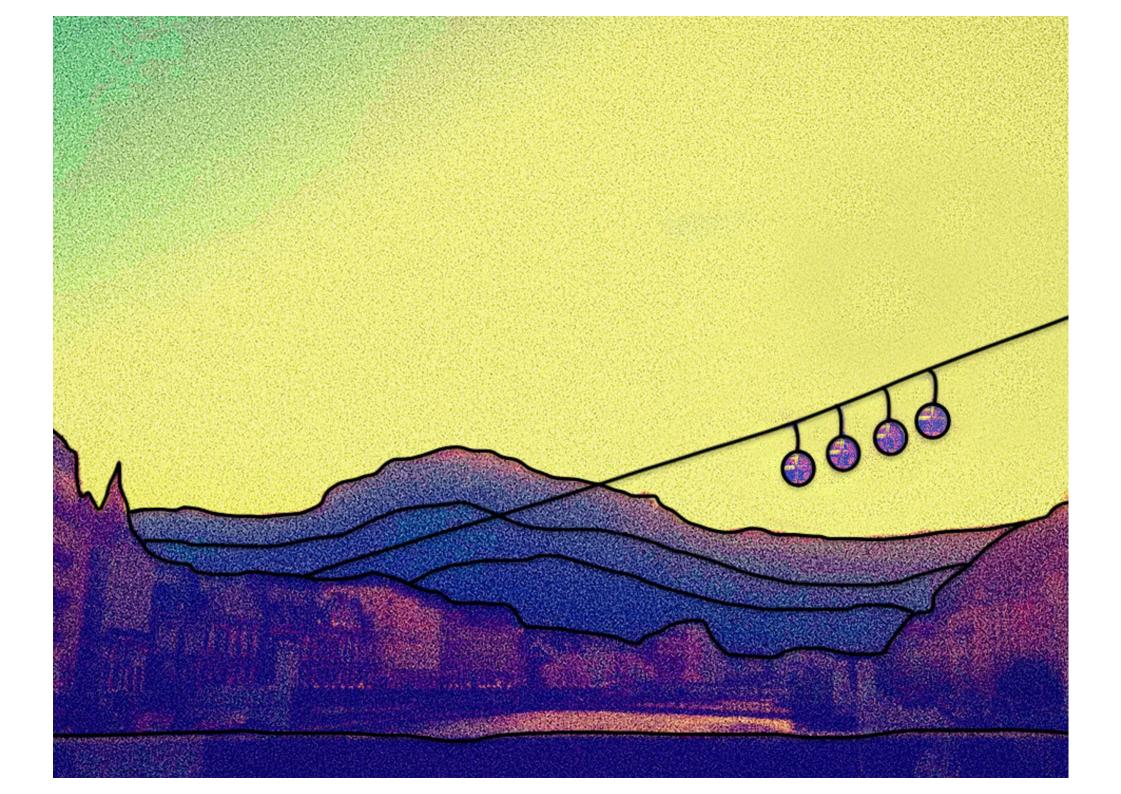
no choice in the evento → vegetarian menu

# Wifi

- Eduroam (best choice)
- LPSC-GUEST
- → choose the name of one of the LOC members









The conference proceedings

will be published in Web Of Conferences

in the European Physical Journal

http://www.epj-conferences.org

Deadline: 15/9/2023

More details will be given later

### **Conference series**

mm Universe is a conference series created in 2019 at LPSC.

The two first editions were mainly focused on NIKA2 although opened to the entire scientific community.

Then, the series evolved, and the name has been changed,

in order to include

all observations of the Universe at mm wavelength, at all scales from stellar to cosmological one and also multi-wavelength studies.

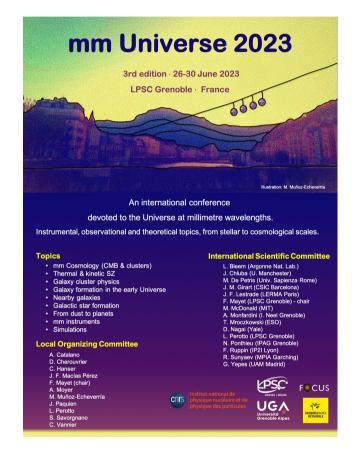
#### Grenoble 2019

# mm Universe @ NIKA2 Observing the millimeter Universe with the NIKA2 camera 2019 June 3-7 LPSC Grenoble FRANCE

#### Rome 2021



#### Grenoble 2023







Galaxy formation in the early Universe



This conference is dedicated to the scientific exploitation of the NIKA2 camera installed at the IRAM 30-m telescope











Call for volunteers to

host the next edition in June 2025.

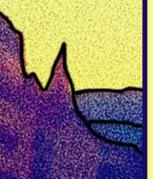
If you are interested, contact me.

This will then be discussed

within the International Scientic Commitee

## **International Scientific Committee**

- L. Bleem (Argonne Nat. Lab.)
- J. Chluba (U. Manchester)
- M. De Petris (Univ. Sapienza Rome)
- J. M. Girart (CSIC Barcelona)
- J. F. Lestrade (LERMA Paris)
- F. Mayet (LPSC Grenoble) chair
- M. McDonald (MIT)
- A. Monfardini (I. Neel Grenoble)
- T. Mroczkowski (ESO)
- D. Nagai (Yale)
- L. Perotto (LPSC Grenoble)
- N. Ponthieu (IPAG Grenoble)
- F. Ruppin (IP2I Lyon)
- R. Sunyaev (MPA Garching)
- G. Yepes (UAM Madrid)



# **Fundings**

mm Universe conference acknowledges financial support from



Institut national de physique nucléaire et de physique des particules









