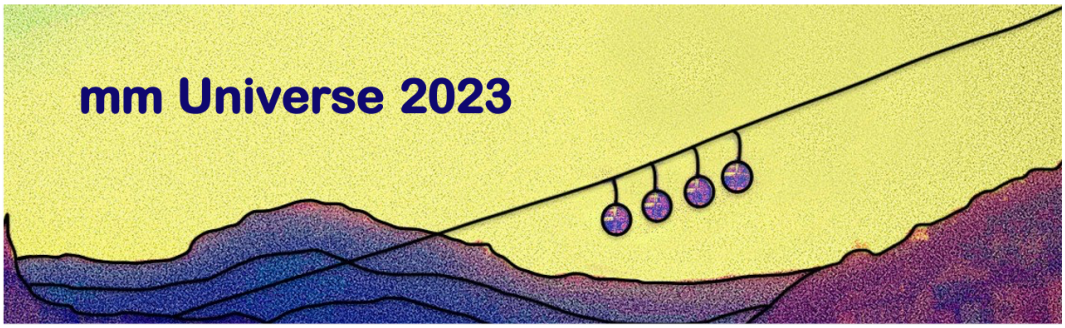
Session Program

Jun 26 – 30, 2023



Observing the Universe at millimetre wavelengths

Tuesday P2

LPSC Grenoble

Tue, June 27

1:50 PM

Tuesday P2

Session | **Location:** LPSC Grenoble, Amphitheatre | **Convener:** Laura Salvati

1:50 – 2:15 PM

Towards precision cluster SZ cosmology: from Planck to the Simons Observatory

Speaker
Inigo Zubeldia

2:15 – 2:35 PM **An updated and improved thermal SZ y-map from Planck PR4 data**

Speaker
Jyothis Chandran

2:35 – 2:55 PM

Cosmology with galaxy clusters: an improved multi-wavelength analysis

Speaker
Gaspard Aymerich

2:55 – 3:15 PM

Probing the Hubble constant from X-ray and millimetre observations of CHEX-MATE galaxy clusters

Speaker
Federico De Luca

3:15 – 3:35 PM

Multicomponent Analysis of Strong Lensing Galaxy Clusters as an Observational Test of Cosmological Structure Predictions

Speaker
Raven Gassis

3:35 – 3:55 PM

Characterizing the dynamics of galaxy cluster mergers with multi-wavelength observations and hydrodynamical simulations

Speaker
Emily Silich

4:10 PM

4:40 PM

Tuesday P2

Session | **Location:** LPSC Grenoble, Amphitheatre | **Convener:** Florian Ruppin

4:40 – 5:00 PM

Deep Learning Generative Models to Infer Mass Maps from SZ, X-ray and galaxy members Observations in Galaxy Clusters.

Speaker
Daniel de Andres Hernandez

5:00 – 5:20 PM **Systematics effects on the upcoming NIKA2 LPSZ scaling relation**

Speaker
Alice Moyer

5:20 – 5:40 PM

Towards the first mean pressure profile estimate with the NIKA2 Sunyaev-Zeldovich Large Program

Speaker
Corentin Hanser

5:40 PM