



tSZ NIKa2 map of Coliseum

Observing the millimeter Universe with the NIKa2 camera

Sapienza University, Department of Physics - Rome

28 June - 2 July 2021

The "mm Universe @NIKA2" Conference is organised by the Department of Physics at Sapienza University in Rome and held online via Zoom due to the current situation. We hope that the virtual format will allow all the interested participants to be able to take part! "mm Universe @NIKA2" is the second edition in a series of workshops dedicated to the scientific exploitation of the NIKa2 camera installed at the IRAM 30-m telescope (Pico Veleta, Spain) and opened to the scientific community to report about related targets, such as:

- Cosmology with clusters
- Galaxy cluster science (SZ, X, visible)
- Galaxy formation in the early Universe
- Nearby galaxies
- Galactic star formation
- From dust to planets
- Instrumentation, other mm-instruments.

Registration will open on 1st March 2021 until 16th May 2021. The mm Universe 2021 conference is funded by Sapienza University.

<https://agenda.infn.it/event/25056/>

International Scientific Committee

M. De Petris (Univ. Sapienza Rome) - *co-chair*
J. M. Girart (IEEC Barcelona)
G. Lagache (LAM Marseille)
J. F. Lestrade (LERMA Paris)
F. Mayet (LPSC Grenoble) - *chair*
A. Monfardini (I. Neel Grenoble)
N. Ponthieu (IPAG Grenoble)
R. Sunyaev (MPIA Garching)
G. Yepes (UAM Madrid)

Local Organizing Committee

M. De Petris - *chair*
V. Capalbo
F. De Luca
A. Ferragamo - *co-chair*
G. Gianfagna
A. Paliwal

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- Federico De Luca
- Antonio Ferragamo - *co-chair*
- Giulia Gianfagna
- Aishwarya Paliwal

Acknowledgements

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Cover Picture

The cover picture is a mock image of tSZ signal of Coliseum as it could be mapped with NIKA2.