

Session Program

3-7 Jun 2019



**Observing the millimeter Universe with the
NIKA2 camera**

Cluster cosmology

Thursday 6 June

09:00

Cluster cosmology

Session

09:00–09:30

The MUSIC of Galaxy Clusters: A database of synthetic clusters from cosmological hydrodynamical simulations

Speaker

Prof. Gustavo Yepes

09:30–10:00

Confirmation of NIKA2 investigation of the Sunyaev-Zel'dovich effect by using synthetic clusters of galaxies

Speaker

Prof. Marco De Petris

10:00–10:30

Implication of an evolution of the mean pressure profile of galaxy clusters on the cosmological parameters estimated from the Planck tSZ power spectrum

Speaker

Dr Florian Ruppin

10:30–11:00

Cosmological constraints from the thermal Sunyaev Zeldovich power spectrum and cluster counts

Speaker

Dr Boris Bolliet

11:00–11:30

Break

11:30–12:30

X-Ray and Microwave Cosmology: synergy and competition - What we expect from SRG/eRosita spacecraft and ground based microwave telescopes?

Speaker

Prof. Rashid Sunyaev

12:30