

Session Program

3-7 Jun 2019



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

SZ and X-rays

Tuesday 4 June

13:30

SZ and X-rays

Session

13:30–14:00 **X-ray, SZ and dark matter in galaxy clusters**

Speaker

Dr Stefano Ettori

14:00–14:30

The X-COP project: Galaxy cluster reconstruction with joint X-ray and SZ data

Speaker

Dr Dominique Eckert

14:30–15:00

Spectral imaging and pressure profiles of the X-COP galaxy clusters with the Sunyaev-Zel'dovich effect

Speaker

Anna Silvia Baldi

15:00–15:30 **Review of SZ science with NIKA**

Speaker

Mr Juan Francisco Macias-Perez

15:30–16:00 **Break**

16:00–16:30

Evolution of cluster profiles with XMM and Chandra at $z > 0.5$ and status of the NIKA2 LP X-ray follow-up

Speaker

Dr Iacopo Bartalucci

16:30–17:00

Exploiting the Planck legacy: properties of SZ-selected galaxy clusters at high- z and high-mass

Speaker

Dr Mariachiara Rossetti

17:00–17:30 **Biases in the estimation of galaxy clusters dynamical mass**

Speaker

Mr Antonio Ferragamo

17:30–18:00 **Physics of Galaxy Cluster Outskirts**

Speaker

Prof. Daisuke Nagai

19:00