

Session Program

8-11 Oct 2024

Kick-off meeting UNDARK

Cosmology

Instituto de Astrofísica de Canarias, AULA
C. Vía Láctea, s/n, 38205 La Laguna, Santa Cruz de Tenerife

Wednesday 9 October

09:15

Cosmology: CMB and radio foregrounds

Session |

Location: Instituto de Astrofísica de Canarias, AULA, C. Vía Láctea, s/n, 38205 La Laguna, Santa Cruz de Tenerife

09:15-09:45

Science at the IAC for QUIJOTE & TMS

Speaker

Jose Alberto Rubiño

09:45-10:15

Looking for new physics with radio signatures

Speaker

Andrea Caputo

10:15-10:45

Science at the IAC for GroundBird, STRIP & Litebird

Speaker

Ricardo Genova Santos

10:45

11:15

Cosmology: Axion experiments

Session |

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11:15-11:45

The DALI experiment: a haloscope at the IAC

Speaker

Dr Javier De Miguel Hernández

11:45-12:15

New Opportunities of Gravitational Wave from Axion Experiments

Speaker

Dr Sung Mook

12:15-12:30

New physics explanations of axion birefringence

Speaker

Silvia Gasparotto

12:30

Thursday 10 October

09:15

Cosmology: LSS

Session |

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09:15-09:45

LSS at the IAC

Speaker

Prof. Francisco-Shu Kitaura Joyanes

09:45-10:15

Intro to astroparticle research at CERN and neutrino masses after DESI

Speaker

Miguel Escudero

10:15-10:45

CMB meets LSS

Speaker

Dr Carlos Hernández-Monteagudo

10:45

11:15

Cosmology: Stochastic backgrounds of GWs

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11:15-11:45

The Early Universe at Pulsar Timing Arrays

Speaker

Fabrizio Rompineve

11:45-12:15

Pulsar timing array sensitivity to anisotropies in the gravitational wave background

Speaker

Valerie Domcke

12:15