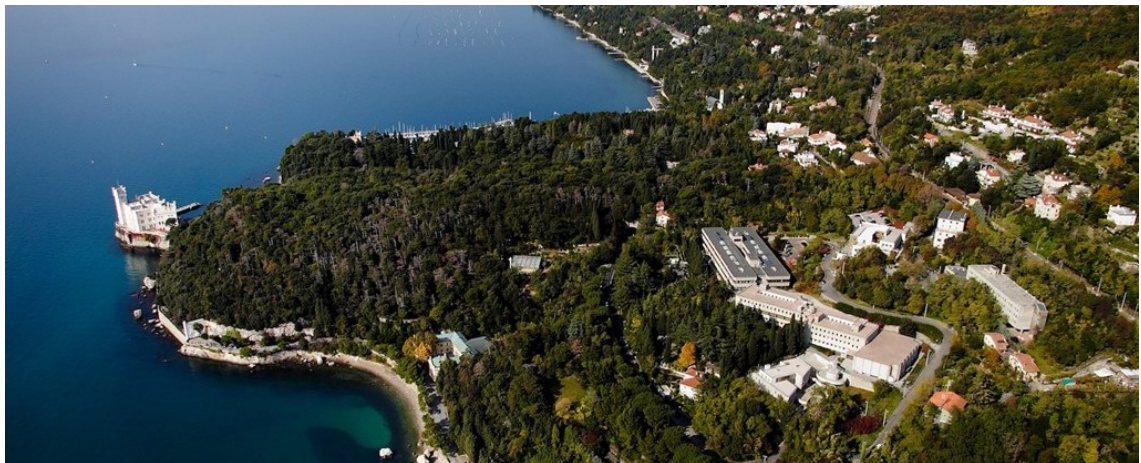


Session Program

28 August 2023 to 2 September 2023



Cosmology 2023 in Miramare

Parallel

SISSA Building, Miramare, Trieste, Italy, Main Auditorium
Via Beirut 2, Trieste

Friday 1 September

15:00

Parallel: 1

Session | Location: SISSA Building, Miramare, Trieste, Italy, Main Auditorium, Via Beirut 2, Trieste

15:00–15:25 Primordial Black Holes during the QCD phase-transition

Speaker
Ilia Musco

15:25–15:50
Stochastic Multiple Fields Inflation and Primordial Black Holes Formation

Speaker
Kosar Asadi

15:50–16:15
The early growth of massive galaxies and how it is shaped by black hole feedback

Speaker
Manuela Bischetti

16:15–16:40 Highlights from the Pierre Auger Observatory

Speaker
Ruben Mauricio Da Silva Conceicao

16:40–17:00 Coffee Break

17:00–17:25 A new channel for supermassive black hole formation

Speaker
Carlos Argüelles

17:25–17:50
Supermassive black holes from Pop III.1 stars with dark matter self-annihilation and their gravitational wave background

Speaker
Jasbir Singh

17:50

15:00

Parallel: 2

Session | Location: SISSA, Lecture Room D

15:00–15:25 THERMAL QCD AXION PRODUCTION FROM THE EARLY UNIVERSE

Speaker
Alessio Notari

15:25–15:50
Prospects for blind CMB B-Modes reconstruction in future experiments

Speaker
Alessandro Carones

15:50–16:15 Mimetic Inflation and Self-reproduction

Speaker

Mariam Khaldieh

16:15–16:40

Cosmological Constraints on Beyond Standard Model Neutrino Physics**Speakers**

Daniela Kirilova, Daniela Kirilova

16:40–17:00

Coffee Break

17:00–17:25

Fundamental physics using high resolution quasar spectroscopy**Speaker**

Dinko Milakovic

17:25–17:50

New Bounds on Monopoles from Intergalactic Magnetic Fields**Speaker**

Daniele Perri

17:50–18:15

A transitional Planck Mass exploration in light of cosmological tensions**Speaker**

Giampaolo Benevento

18:15–18:40

Impact of a Λ CDM extension on UHECRs**Speaker**

Janning Meinert

18:40