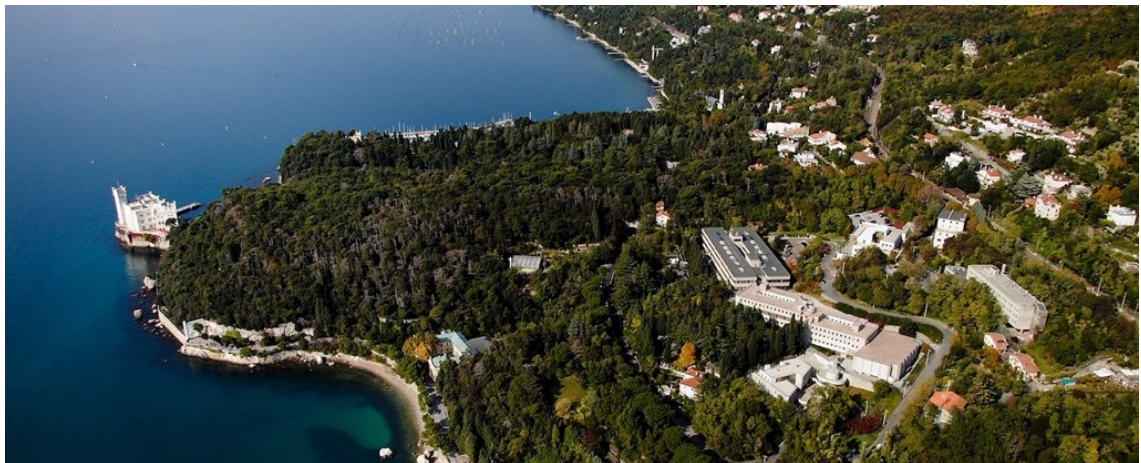


Session Program

28 August 2023 to 2 September 2023



Cosmology 2023 in Miramare

Parallel

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

Thursday 31 August

15:00

Parallel: 1

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

15:00–15:25

The Gaia and HST Cepheid Scales, Galactic Reddening, and the H_0 Tension

Speaker

Tom Shanks

15:25–15:50

Could enhanced structure formation ease large-scale cosmological tensions?

Speaker

Alfie Russell

15:50–16:15

Bulk peculiar flows and cosmic acceleration

Speaker

Kerkyra Asvesta

16:15–16:40

Can neutrino-assisted early dark energy models ameliorate the H_0 tension in a natural way?

Speaker

Rogério Rosenfeld

16:40–17:00

Coffee Break

17:00–17:25

Exploiting the impact of our peculiar velocity on a galaxy redshift survey, aka the finger of the observer effect

Speaker

Cristiano Porciani

17:25–17:50

Unveiling dark fifth forces with linear cosmology and LSS

Speaker

Salvatore Bottaro

17:50–18:15

Evidence for strong progenitor age bias in supernova cosmology

Speaker

Young-Wook Lee

18:15–18:40

Simultaneous alleviation of major cosmological tensions through Λ CDM cosmology

Speaker

Ozgur Akarsu

18:40

15:00

Parallel: 2

Session | Location: SISSA, Lecture Room D

15:00-15:25

Towards precision cluster cosmology: advancements in Halo Mass Function and Bias within Euclid**Speaker**

Tiago Batalha de Castro

15:25-15:50

Bayesian end-to-end CMB analysis from LFI to HFI**Speaker**

Artem Basyrov

15:50-16:15

Foreground bias in CMB lensing convergence estimation**Speaker**

Kishan Deka

16:15-16:40

Minkowski Functionals as a tool to study Non-Gaussianity and anisotropy: new extensions to CMB polarization and beyond**Speaker**

Dr Javier Carrón Duque

16:40-17:00

Coffee Break

17:00-17:25

Hydrogen Intensity Mapping: The ultimate signal is the weakest of all**Speaker**

Isabella Carucci

17:25-17:50

Constraining new physics with TeV gamma-rays**Speaker**

Sunniva Jacobsen

17:50-18:15

SICRET: Supernova Ia Cosmology with truncated marginal neural Ratio Estimation**Speaker**

Kosio Karchev

18:15-18:40

Dissipative Inflation via Scalar Production**Speaker**

Borna Salehian

18:40