



# Cosmology 2023 in Miramare

## Thursday 31 August 2023

### Parallel: 1 - Main Auditorium (15:00 - 18:40)

| time  | [id] title  | presenter           |
|-------|---|---------------------|
| 15:00 | [128] The Gaia and HST Cepheid Scales, Galactic Reddening, and the $H_0$ Tension  | SHANKS, Tom         |
| 15:25 | [127] Could enhanced structure formation ease large-scale cosmological tensions?  | RUSSELL, Alfie      |
| 15:50 | [123] Bulk peculiar flows and cosmic acceleration   | ASVESTA, Kerkyra    |
| 16:15 | [126] Can neutrino-assisted early dark energy models ameliorate the $H_0$ tension in a natural way?                     | ROSENFELD, Rogerio  |
| 16:40 | Coffee Break  |                     |
| 17:00 | [160] Exploiting the impact of our peculiar velocity on a galaxy redshift survey, aka the finger of the observer effect | PORCIANI, Cristiano |
| 17:25 | [132] Unveiling dark fifth forces with linear cosmology and LSS   | BOTTARO, Salvatore  |
| 17:50 | [117] Evidence for strong progenitor age bias in supernova cosmology  | LEE, Young-Wook     |
| 18:15 | [122] Simultaneous alleviation of major cosmological tensions through $\Lambda$ CDM cosmology                           | AKARSU, Ozgur       |

### Parallel: 2 - Lecture Room D (15:00 - 18:40)

| time  | [id] title   | presenter                |
|-------|--|--------------------------|
| 15:00 | [131] Towards precision cluster cosmology: advancements in Halo Mass Function and Bias within Euclid                         | BATALHA DE CASTRO, Tiago |
| 15:25 | [130] Bayesian end-to-end CMB analysis from LFI to HFI   | BASYROV, Artem           |
| 15:50 | [135] Foreground bias in CMB lensing convergence estimation  | DEKA, Kishan             |
| 16:15 | [133] Minkowski Functionals as a tool to study Non-Gaussianity and anisotropy: new extensions to CMB polarization and beyond | Dr CARRÓN DUQUE, Javier  |
| 16:40 | Coffee Break   |                          |
| 17:00 | [134] Hydrogen Intensity Mapping: The ultimate signal is the weakest of all  | CARUCCI, Isabella        |
| 17:25 | [137] Constraining new physics with TeV gamma-rays   | JACOBSEN, Sunniva        |
| 17:50 | [125] SICRET: Supernova Ia Cosmology with truncated marginal neural Ratio Estimation   | KARCHEV, Kosio           |
| 18:15 | [129] Dissipative Inflation via Scalar Production  | SALEHIAN, Borna          |