Session Program

14–18 Jul 2025

Optimizing the Extraction of Cosmological Information from the Latest Spectroscopic Redshift Surveys

II day

Sexten Primary School
Via Panorama 6, Sexten (Italy)

Tuesday 15 July

09:00

II day: LSS analysis
Session | **Location:**

09:00–09:30
The Full-Shape analayis of the Dark Energy Spectroscopic Instrument data release 1

Speaker
Gil-Marin

Location

09:30–10:00
Towards an optimal marked correlation function analysis for the detection of modified gravity

Speaker
Martin Kärcher

Location

10:00–10:30
CNN-Enhanced Zel'dovich Reconstruction for BAO analysis in Large-Scale Structure Surveys

Speaker
Edoardo Maragliano

Location

10:30–11:00   **Coffe break**

11:00–11:30
Modelling the distribution of galaxy multi-tracers through cosmic time

Speaker
Ginevra Favole

Location

11:30–12:00   **Indicator Power Spectra**

Speaker
Istvan Szapudi

Location

12:00–12:30
The clustering of dark matter haloes in alternative cosmological models

Speaker
Massimiliano Romanello

Location

12:30–13:00

De-noising cosmological covariance matrices using Rotational Invariant estimators

Speaker

Antonio Farina

Location

13:00–14:30   Lunch

14:30–15:00

Measuring higher-order correlation functions in current and future galaxy surveys

Speaker

Slepian

Location

15:00–15:30

Cosmology from Large Scale full-shape analyses combining 2PCF and 3PCF

Speaker

Massimo Guidi

Location

15:30–16:00   Consistent Clustering Analysis in Configuration and Fourier Space

Speaker

Alfonso Veropalumbo

Location

16:00–16:30   Coffe break

16:30–17:00

Toward a full-shape analysis of the galaxy anisotropic 3-point correlation function at the BAO scale

Speaker

Kristers Nagainis

Location

17:00–17:30   TBD

Speakers

Michele Ennio Maria Moresco, Michele Moresco

Location

17:30–18:00

The BAO linear point as cosmic ruler: tests and applications to the Euclid mission

Speaker

Angelo Ferrari

Location

18:30