

Session Program

5-7 May 2025

5th EuCAPT Annual Symposium (online)

LambdaCDM and beyond

CERN, ONLY ONLINE

Wednesday 7 May

14:00

LambdaCDM and beyond

Session | **Location:** CERN, ONLY ONLINE

14:00–14:30 **DESI results**

Speaker

Andreu Font Ribera

14:30–14:45 **Fundamental Physics implications of the DESI results**

Speaker

Azadeh Moradinezhad

14:45–15:00 **Updates on the Hubble tension**

Speaker

Nils Schöneberg

15:00–15:01 **New early dark energy and its equation of state**

Speaker

Aleksandr Chatrchyan

15:01–15:02 **Anisotropy in Pantheon+ supernovae**

Speaker

Mr Animesh Sah

15:02–15:03

Inferring cosmological parameters from galaxy and dark sirens cross-correlation

Speaker

Giona Sala

15:03–15:04

Is cosmological data suggesting a nonminimal coupling between matter and gravity?

Speaker

Miguel Barroso Varela

15:04–15:05

New robust constraints on Dark Photon Dark Matter from the intergalactic medium

Speaker

ANDREA TROST

15:05–15:06

Generalised Neutrino Isocurvature

Speaker

Christopher Gerlach

15:06–15:30

Questions and Discussion

15:30-16:00

17:30

Panel Discussion. Panelists: Kazuya Koyama, Vivian Poulin, Zvonimir Vlah