Session Program

14–18 Dec 2026

Dark Side of the Universe 2026

Early-universe EFT & cosmic history

Tuesday 15 December

13:30

Early-universe EFT & cosmic history

Session |
Location: M01, Faculty of Science, Chulalongkorn University Phayathai Road, Pathumwan, Bangkok 10330 Thailand

13:30–13:50 **Boltzmann Formalism for Radiative Scattering**

Speaker
Mr Zachary Greenfield

13:50–14:10

Closing the Cosmographic Hierarchy: Analytical Modified Gravity Reconstruction and Non-Singular Bounces

Speaker
Thato Thapo

14:10–14:30

Positivity Bounds in Relativistic Superfluids: From Lorentz Breaking to Inflationary EFTs

Speaker
Simón Riquelme

14:30–14:50

From Inflation to Cosmic Structure: An Action-Based Two-Fluid Approach

Speaker
Valentina Danieli

14:50–15:10 **Constraints on Higher Dimensional Inflation**

Speaker
Jules Cunat

15:10