Session Program

14–18 Dec 2026

Dark Side of the Universe 2026

Inflation: EFT & string models

Monday 14 December

14:00

Inflation: EFT & string models

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

14:00–14:20

Inflationary trispectrum of gauge fields from scalar and tensor exchanges

Speaker
Puthiyedath Jishnu Sai

14:20–14:40

The Spectator Field Nexus: Connecting Primordial Black Holes, Gravitational Waves and Baryogenesis

Speaker
Dr Sayantan Choudhury sayantan

14:40–15:00

Model building through non-geometric flux compactification

Speaker
Debaiudh Das

15:00–15:20

Multi-field Assisted Fibre Inflation in a Tetra-quadric Calabi–Yau Threefold

Speaker
Swagata Bhattacharyya

15:20–15:40

Exothermic Dark Matter with a Dark Higgs: The LZ 248 keV Event and the Galactic Center Excess

Speaker
Jinheung Kim

15:40