Session Program

14–18 Dec 2026

Dark Side of the Universe 2026

LSS I: clustering, galaxies & halos

Thursday 17 December

14:00

LSS I: clustering, galaxies & halos

Session |

Location: M02, Faculty of Science, Chulalongkorn University Phayathai Road, Pathumwan, Bangkok 10330 Thailand

14:00–14:20

One-loop galaxy power spectrum calculations with JAX: Eulerian and Lagrangian perturbation theories

Speaker
Yosuke Kobayashi

14:20–14:40

Redshift Space Bispectrum Multipoles as Probes of Neutrino Mass and Modified Gravity

Speaker
Sourav Pal

14:40–15:00

Probing Gravitational Redshift on Small Scales: From Halos to Subhalos

Speaker
Takuya Inoue

15:00–15:20

Can H I Line Width (W_{50}) Trace Halo Mass Through Galaxy Clustering?

Speaker
Mr Narenrit Thananusak

15:20–15:40

Caustic Skeleton and the Local Cosmic Web: the Coma Cluster node and the Pisces-Perseus ridge

Speaker
Amelie Read

15:40