Session Program

14–18 Dec 2026

Dark Side of the Universe 2026

DM astrophysical probes & black holes

Tuesday 15 December

13:30

DM astrophysical probes & black holes

Session |
Location: 201, Faculty of Science, Chulalongkorn University Phayathai Road, Pathumwan, Bangkok 10330 Thailand

13:30–13:50

The PAU Survey i-band luminosity function to z = 2: probing dark matter through the faint-end galaxy population

Speaker
Suttikoon Koonkor

13:50–14:10

Probing Neutralino DM around Supermassive Black Holes

Speaker
Rahul Puri

14:10–14:30

Revising Indirect Dark Matter Constraints with Updated Astrophysical J-Factor Priors

Speaker
Giacomo D'Amico

14:30–14:50

Insights into the relative importance of branching fraction of dark matter annihilation for gamma ray observations and their implication for MACE

Speaker
Ms Mani Khurana

14:50–15:10

Mixed cold-warm dark matter models from galaxy clustering

Speaker
Emiliano Sefusatti

15:10