Session Program

14–18 Dec 2026

Dark Side of the Universe 2026

DM direct detection I: experiments

Monday 14 December

14:00

DM direct detection I: experiments

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

14:00–14:20 **Latest Results from the LUX-ZEPLIN Dark Matter Experiment**

Speaker
Isabelle Darlington

14:20–14:40

DM induced neutron disappearance as the origin of the LZ nuclear recoil event

Speaker
Patipan Uttayarat

14:40–15:00

Search for Invisible New-Particle Decays of Para-Positronium with the KAPAE Phase II Detector, and Detector Upgrade toward Ortho-Positronium

Speakers
Dongwoo Jeong, HongJoo Kim

15:00–15:20

The SABRE South Experiment at the Stawell Underground Physics Laboratory

Speaker
Subrahmanya Saicharan Pemmaraju

15:20–15:40

Status and Prospects of the COSINE Experiment: A NaI(Tl) Dark Matter Search

Speaker
Mr Doohyeok Lee

15:40