Session Program

14–18 Dec 2026

Dark Side of the Universe 2026

Ultralight DM & small-scale structure

Monday 14 December

16:15

Ultralight DM & small-scale structure

Session |

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

16:15–16:35 **Interfering and Interacting Fuzzy Dark Matter**

Speaker
Dr Christian Capanelli

16:35–16:55

Beyond the Coulomb Logarithm: Soliton Formation in Fuzzy Dark Matter and Implications for Subhalo Seeding

Speaker
Hikaru Kotake

16:55–17:15 **Exploring Isocurvature Effects in Multi-Component Dark Matter**

Speaker
Jessica N. Lopez-Sanchez

17:15–17:35

Numerical Equilibrium and Stability of Boson Stars and Relativistic Polytropes

Speaker
Viridiana Guadalupe Alvarez Santin

17:35–17:55 **Black holes and dark matter**

Speaker
Prof. ALEXANDER KUSENKO

17:55