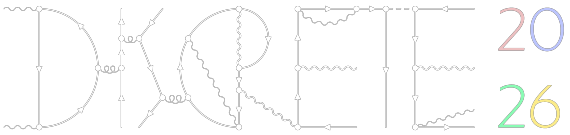
Session Program

Nov 13 – 17, 2026



DISCRETE 2026

Dark Sectors and Low-Energy Precision Tests

Faculty of Mathematics, Physics and Informatics, Comenius University Bratislava, F2
Mlynská dolina F1, 84248 Bratislava, Slovakia

Sat, November 14

2:00 PM

Dark Sectors and Low-Energy Precision Tests

Session |
Location: Faculty of Mathematics, Physics and Informatics, Comenius University Bratislava, F1, Mlynská dolina F1, 84248 Bratislava, Slovakia |
Convener: Thomas Braine

2:00 – 2:20 PM **LZ search for dark matter interactions in a high nuclear-recoil energy window**

Speaker
Kelsey Oliver-Mallory

2:20 – 2:40 PM **Adiabatic Response in the Migdal Effect**

Speaker
Stefan Daniel Nellen Mondragón

2:40 – 3:00 PM
Underground production of electromagnetic dark states by MeV-scale electron beams and detection with CCDs

Speaker
Maximilian Fahrecker

3:00 – 3:20 PM **Towards a theory of dissipative Dark Matter**

Speaker
Garance Lankester--Broche

3:20 – 3:40 PM **New Axion-Induced Effects in Mechanical Quantum Sensors**

Speaker
Felix Yu

3:40 – 4:00 PM **Precision Tests of Discrete Symmetries in Positronium Decays with the J-PET Detector**

Speaker
Pooja Tanty

4:00 PM