

Session Program

19-23 Jan 2026



New Windows on Fundamental Physics: from tabletop devices to large scale detectors

UK-APP Afternoon 1

University of Manchester, Jocelyn Bell Burnell Lecture Theatre

Monday 19 January

13:30

UK-APP Afternoon 1

Session | **Location:** University of Manchester, Jocelyn Bell Burnell Lecture Theatre | **Convener:** Lucien Heurtier

13:30–14:00

Dark Matter Axion Search with the HAYSTAC and ALPHA Experiment

Speaker

Xiran Bai

14:00–14:30

From lattice simulations to quantum analogues of false vacuum decay

Speaker

Emilie Hertig

14:30–15:00

The RADES Experiment - Status and Future

Speaker

Tobias Ortmann

15:00–15:30

Matter Sourced Bubble Nucleation in the Asymmetron Scalar-Tensor Theory

Speaker

Usama Syed Aqeel

15:30