

Session Program

17-18 Sept 2026



Partikeldagarna 2026

Session 3

Lund University, Physics Department, A-salen (L317)
Sölvegatan 14, Lund

Thursday 17 September

13:30

Session 3

Session | **Location:** Lund University, Physics Department, A-salen (L317), Sölvegatan 14, Lund

13:30–13:45

Towards global interpretation of the LHC data

Speaker

Katerina Lipka

13:45–14:00

Updates from the Light Dark Matter eXperiment

Speaker

Ruth Poettgen

14:00–14:15

Testing of LDMX's HGCROC-based readout electronics

Speaker

Verena Hehl

14:15–14:30

Modeling electronic final states in liquid xenon for light dark matter detection

Speaker

Theresa Magdalena Backes

14:30–14:45

Experimental measurement of thermal shock light yield

Speaker

Michael Hrywniak

14:45–15:00

Vertex reconstruction with the HIBEAM TPC

Speaker

Dr Alexander Burgman

15:00–15:15

Continuous calibration of ATLAS flavour-tagging classifiers via optimal transport

Speaker

Alessandro Montella

15:15–15:30

Update on the $X \rightarrow SH \rightarrow b\bar{b}\gamma\gamma$ ATLAS analysis

Speaker

Julia Salwén

15:30