

Session Program

21-25 Jul 2025

PASCOS 2025

Experimental Particle Physics

Durham

Monday 21 July

16:00

Experimental Particle Physics

Session | Location: CLC013

16:00-16:20 Probing Majoron Dark Matter with Optical Interferometry

Speaker

Ippei Obata

16:20-16:40 Status of the LUX-ZEPLIN Experiment

Speaker

Wenbo Ma

16:40-17:00 Charm hadrons production and decay properties

Speaker

Francesco Zenesini

17:00-17:20
Observation of the $K^+ \rightarrow \pi^+ \nu \bar{\nu}$ decay and measurement of its branching ratio at NA62

Speaker

Marco Mirra

17:20-17:40 $K^+ \rightarrow \pi^+ \nu \bar{\nu}$ spectra and NA62 interpretation

Speaker

Mustafa Tabet

17:40-18:00
A Scalable High Gain Negative Ion Drift CYGNUS Prototype for Directional Dark Matter Detection

Speaker

Alasdair Gregor McLean

18:00

Thursday 24 July

16:00

Experimental Particle Physics

Session | Location: CLC013

16:00-16:20

The XLZD liquid-xenon Observatory and the DARWIN R&D programme

Speaker

Yanina Biondi

16:20-16:40

DEAP-3600: Recent Results and Ongoing Work

Speaker

Pushparaj Adhikari

16:40-17:00

Search for Baryogenesis and Dark Matter in B-meson decays at BaBar

Speaker

Yury Kolomensky

17:00-17:20

Latest Results on XENONnT

Speaker

Gian Marco Lucchetti

17:20-17:40

New results from the MEG II experiment

Speaker

Francesco Renga

17:40-18:00

Recent results from CUORE and path towards CUPID

Speaker

Hawraa Khalife

18:00-18:20

The SABRE South Experiment at the Stawell Underground Physics Laboratory, ARC Centre of Excellence for Dark Matter Particle Physics, Australia

Speaker

Federico Scutti

18:20