

Session Program

17 February 2023

Fifth Sydney meeting

Talks

Sydney Nanoscience Hub, Messel Lecture Theatre
University of Sydney

Friday 17 February

14:00

Talks

Session | **Location:** Sydney Nanoscience Hub, Messel Lecture Theatre, University of Sydney

14:00–14:20

A Physics Murder Mystery: An Investigation of Neutrinos

Speaker

Adam Lackner

14:20–14:40

Type II Seesaw Leptogenesis

Speaker

Neil Barrie

14:40–14:55

Enhancing Bispectrum Estimators for Photometric Galaxy Redshift Survey with Velocities

Speaker

Julius Wons

14:55–15:10

Non-Gaussianity in CMB lensing

Speaker

Yuqi Kang

15:10–15:30

Physics at Belle II

Speaker

Ms Priyanka Cheema

15:50

16:30

Talks

Session | **Location:** Sydney Nanoscience Hub, Messel Lecture Theatre, University of Sydney

16:30–16:40

Anomaly calculations in curved spacetime

Speaker

Murdock Geoffrey Grewar

16:40–16:50

(The) Wiggles going non-linear

Speaker

Nathan Cohen

16:50–17:00

Light WIMP Detection and the Neutrino Fog

Speaker

Ben Carew

17:00–17:10

Sea urchins and polarisation

Speaker

Ben Li

17:10–17:20

Talk 6 (UNSW)

17:50

Speaker

Giovanni Pierobon