

Session Program

26-27 Jul 2023

Sixth Sydney meeting

Talks

Old Main Building, G59/G60
UNSW

Wednesday 26 July

11:00

Talks

Session | **Location:** OMB, G32

11:00–12:00 **What a flavour (and CP) symmetry can do for you**

Speaker

Claudia Hagedorn

12:00–12:30 **On dual formulation of axion physics and the θ -vacua**

Speaker

Otari Sakhelashvili

12:30

14:00

Talks

Session | **Location:** Old Main Building, G59/G60, UNSW

14:00–15:00 **Ultralight Dark Matter and g-2**

Speaker

Jason Evans

15:00–15:30 **Miniclusters from axion string simulations**

Speaker

Giovanni Pierobon

15:30

16:00

Talks

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16:00–16:30 **Galaxy clusters: giant dark matter particle colliders**

Speaker

Ellen Sirks

16:30–17:00
Probing the early universe with stochastic gravitational wave backgrounds

Speaker

Ameek Malhotra

17:00–17:30 **Searching for Features in the Primordial Power Spectrum**

Speaker

Julius Wons

17:30

Thursday 27 July

11:00

Talks

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11:00–12:00

Unitarizing scattering amplitudes in theories of compact Extra Dimensions

Speaker

Dipan Sengupta

12:00

14:00

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14:00–15:15

The Hyper-Kamiokande Experiment

Speaker

Francesca Di Lodovico

15:15

15:50

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15:50–16:20

The Belle II experiment

Speaker

Chia-Ling Hsu

16:20–16:40

Search for lepton flavour violation at Belle II with $B^0 \rightarrow \tau e \ell$

Speaker

Ms Priyanka Cheema

16:40–17:00

Towards $B \rightarrow \pi \tau \nu$ at Belle II with SL tagging

Speaker

Andre Hao Yuan Huang

17:00–17:30

Connecting Inflation to Particle Physics with Next Generation CMB and LSS Observations

Speaker

Marco Drewes

17:30