

Session Program

8-10 May 2023



Phenomenology 2023 Symposium

Axion III

University of Pittsburgh
Pittsburgh, PA 15260

Tuesday 9 May

16:30

Axion III

Session | **Location:** Lawrence Hall 207 | **Convener:** Jan Schütte-Engel

16:30–16:45 **Stellar Axion Background**

Speaker

Ngan Nguyen

16:45–17:00 **The Irreducible Axion Background**

Speaker

Kevin Langhoff

17:00–17:15 **A new production mechanism for dark photons**

Speaker

Edward Broadberry

17:15–17:30 **Hybrid Cosmological Collider of Axion**

Speaker

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17:30–17:45 **Zero Modes from Massive Fermions and Axion Strings**

Speaker

Katherine Fraser

17:45–18:00

The inflated Chern-Simons number in spectator chromo-natural inflation

Speaker

Hengameh Bagherian

18:00–18:15 **CMB birefringence from cosmic axion strings**

Speaker

Mr Ray Hagimoto

18:15–18:30 **MAGPI: Measurement of Axion Gradients with Photon Interferometry**

Speaker

Michael A. Fedderke

18:30