

Session Program

8-10 May 2023



Phenomenology 2023 Symposium

Axion II

University of Pittsburgh
Pittsburgh, PA 15260

Tuesday 9 May

14:00

Axion II

Session | **Location:** Lawrence Hall 207 | **Convener:** Michael Fedderke

14:00–14:15

Search for sub-MeV axion-like particles from horizontal branch stars

Speaker

Takuya Okawa

14:15–14:30

Spectral distortions of astrophysical blackbodies as axion probes

Speaker

Erwin Tanin

14:30–14:45

Detecting Axion-Like Particles with Primordial Black Holes

Speaker

Tao Xu

14:45–15:00

Probing Axionic Instabilities in the late Universe via CMB-B mode

Speaker

Dr Subhajit Ghosh

15:00–15:15

Imprints of Axion's Evolution in CMB

Speaker

Shuyang Cao

15:15–15:30

Distinguish axion models with SPARC

Speaker

Dr Chen Sun

15:30–15:45

Finding Exotic Particles with Fireballs

Speaker

Melissa Diamond

15:45–16:00

The Flavor of QCD axion dark matter

Speakers

Gonzalo Alonso Alvarez, Gonzalo Alonso-Álvarez

16:00