

Session Program

24-26 May 2021



Phenomenology 2021 Symposium

Axions & ALPs II

University of Pittsburgh
Pittsburgh, PA 15260

Monday 24 May

16:30

Axions & ALPs II

Session

16:30-16:45

Search for feebly interacting particles with NA62

Speaker

Roberta Volpe

16:45-17:00

Heavy Axion at DUNE

Speaker

Zhen Liu

17:00-17:15

ALP Searches at Neutrino and Dark Matter Frontier Experiments

Speaker

Adrian Thompson

17:15-17:30

Challenges for an axion explanation of the muon $g-2$ measurement

Speaker

Dr Chen Sun

17:30-17:45

Heavy QCD Axion in $b \rightarrow s$ transition

Speaker

Vazha Loladze

17:45-18:00

Probing axion-like particles with $\gamma\gamma$ final states from vector boson fusion processes at the LHC

Speaker

Elijah Sheridan

18:00-18:15

Axions and scalars in neutron star mergers

Speaker

Steven Harris

18:15-18:30

Top quark production in association with additional particles at CMS: $t\bar{t}+bb$, $t\bar{t}+cc$, $t\bar{t}Z$, $t\bar{t}W$, $t\bar{t}\gamma$, $t\bar{t}Z$ and $t\bar{t}t\bar{t}$ production

Speaker

David Walter

18:45