

Session Program

31 August 2020 to 4 September 2020

FIPs 2020 - Feebly Interacting Particles 2020

Feebly interacting pseudo-scalar particles

Thursday 3 September

14:30

Feebly interacting pseudo-scalar particles

Session | **Location:** Virtual Only | **Conveners:** Joerg Jaeckel, Joshua Ruderman

14:30–15:00

Status of stellar and astrophysics constraints on new (feebly-interacting) physics (covering vector, scalar, pseudo-scalar portals)

Speaker

Maurizio Giannotti

15:00–15:30

Axions/ALPs as DM and/or light DM mediators: phenomenology

Speaker

Andreas Ringwald

15:30–15:55

QCD axion beyond the axion band

Speaker

Prateek Agrawal

15:55–16:15

coffee break

16:15–16:45

Axions/ALPs as DM and/or light DM mediators: overview of experimental approaches in the low mass range

Speaker

Igor Garcia Irastorza

16:45–17:15

axions/ALPs phenomenology at accelerator-based experiments

Speaker

Felix Kahlhoefer

17:15–17:40

Search for axions/ALPs at the LHC

Speaker

David d'Enterria

17:40