

Session Program

22-23 Nov 2021

Partikeldagarna 2021

Tuesday afternoon session 3

Chalmers Conference Centre, Palmstedt
Chalmersplatsen 1, 412 58 Göteborg

Tuesday 23 November

15:30

Tuesday afternoon session 3: Astroparticle physics (theory and experiment)

Session | **Location:** Chalmers Conference Centre, Palmstedt, Chalmersplatsen 1, 412 58 Göteborg | **Convener:** Riccardo Catena

15:30-15:45 **TeV halos and inhibited diffusion around pulsars**

Speaker

Pedro Jose De La Torre Luque

15:45-16:00 **No sharp spectral features in the local cosmic-ray positron flux**

Speaker

Isabelle John

16:00-16:15

Constraining dark matter annihilation with cosmic-ray antiprotons using neural networks

Speaker

Michael Korsmeier

16:15-16:30

Searching for axion-like particles through the photon disappearance channel

Speaker

David Marsh

16:30-16:45

Dark matter electron interactions in graphene detectors

Speaker

Einar Urdshals

16:45-17:00

Can inelastic dark matter save DAMA?

Speaker

Sunniva Jacobsen

17:00-17:15

Probing the neutrino sky with IceCube: latest results

Speaker

Ankur Sharma

17:15-17:30

IceCube-Gen2: The Window to the Extreme Universe

Speaker

Christian Glaser

17:30-17:45

A model-independent analysis of neutrino flares detected in IceCube from X-ray selected blazars

Speaker

Ankur Sharma

17:45-18:00

Constraining the neutrino flux from cosmic population of Gamma-ray Bursts

18:00

Speaker

Kunal Deoskar