

Session Program

1-6 Apr 2024



ALPS2024 -- Dark Matter

Morning II

UZ Obergurgl
University Center Obergurgl Gaisbergweg 5 6456 Obergurgl Austria

Tuesday 2 April

10:30

Morning II

Session | **Location:** UZ Obergurgl, University Center Obergurgl Gaisbergweg 5 6456 Obergurgl Austria

10:30–11:00 **Dark Matter Physics from Small-Scale Cosmic Structure**

Speaker

Risa Wechsler

11:00–11:30 **Differentiable modelling for cosmology**

Speaker

Oliver Hahn

11:30

Wednesday 3 April

10:30

Morning II

Session | **Location:** UZ Obergurgl, University Center Obergurgl Gaisbergweg 5 6456 Obergurgl Austria

11:00

10:30–11:00

Dark Matter Waves conversion into the ionosphere

Speaker

Andrea Caputo

Thursday 4 April

10:30

Morning II

Session | **Location:** UZ Obergurgl, University Center Obergurgl Gaisbergweg 5 6456 Obergurgl Austria

10:30–11:00 **On COSINUS and dark matter-electron scattering search using CSCs**

Speaker

Vanessa Zema

11:00–11:30 **Low mass dark matter searches with liquid argon**

Speaker

Dr Masayuki Wada

11:30

Saturday 6 April

09:45

Morning II

Session | **Location:** UZ Obergurgl, University Center Obergurgl Gaisbergweg 5 6456 Obergurgl Austria

09:45–10:15

Catalyzed SIMP miracles via bound states

Speaker

Xiaoyong Chu

10:15–10:45

Production of dark photons and dark fermions during inflation

Speaker

Lorenzo Ubaldi

10:45