

Session Program

1-6 Apr 2024



ALPS2024 -- Dark Matter

Afternoon I

UZ Obergurgl
University Center Obergurgl Gaisbergweg 5 6456 Obergurgl Austria

Tuesday 2 April

17:15

Afternoon I

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

17:15–17:45 **Rare species of dark matter**

Speaker

Maxim Pospelov

17:45–18:15 **Detecting GWs in the muHz: the Solar system as a GW dectector**

Speaker

Diego Blas

18:15

Wednesday 3 April

17:15

Afternoon I

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

17:15–17:45

Quantum Magnetometry Noise as a Dark Matter Signal

Speaker

Itay Bloch

17:45–18:15

Searching for low-mass axion dark matter with DMRadio

Speaker

Dr Chiara Salemi

18:15

Thursday 4 April

17:15

Afternoon I

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

17:15–17:45

SPLENDOR: narrow-gap semiconductors for light dark matter

Speaker

Yonatan Kahn

17:45–18:15

SuperDark: Dark Matter Searches using Magnetically-Levitated Superconductors

Speaker

Dr Gerard Higgins

18:15

Friday 5 April

17:15

Afternoon I

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

17:15–17:45

Probing non-minimal Dark Matter properties with forthcoming Large Scale Structure surveys

Speakers

Julien Lesgourgues, Julien Lesgourgues

17:45–18:15

The Dark Sector and the Large Scale Structure of the Universe

Speaker

Dr Diego Redigolo

18:15