

Session Program

1-6 Apr 2024



ALPS2024 -- Dark Matter

Morning I

UZ Obergurgl
University Center Obergurgl Gaisbergweg 5 6456 Obergurgl Austria

Tuesday 2 April

08:20

Morning I

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

08:20–08:30 **Welcome**

08:30–09:00 **Gravothermal core collapse in halos**

Speaker

Manoj Kaplinghat

09:00–09:30 **Astrophysical Probes of Dark Sector Physics**

Speaker

Oren Slone

09:30

Wednesday 3 April

08:30

Morning I

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

08:30–09:00 **Axion Star Explosions**

Speaker

Prof. Malcolm Fairbairn

09:00–09:30 **Axion screening of the CMB**

Speaker

Cristina Mondino

09:30

Thursday 4 April

08:30

Morning I

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

08:30–09:00 **Light dark matter searches with two-phase xenon TPCs and Qrocodile**

Speakers

Laura Baudis, Laura Baudis

09:00–09:30 **Direct Dark Matter search with the CRESST-III experiment**

Speakers

Johannes Rothe, Johannes Rothe

09:30

Friday 5 April

08:30

Morning I

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

08:30–09:00

DM21cm: modeling inhomogeneous energy injection for 21cm

Speaker

Tracy Slatyer

09:00–09:30

21cmFirstCLASS: probing dark matter in the dark ages and cosmic dawn

Speaker

Ely Kovetz

09:30

Saturday 6 April

08:15

Morning I

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

08:15–08:45

SHiP - Search for Hidden Particles

Speaker

Alexey Boyarsky

08:45–09:15

Production of ROMP Dark Matter

Speaker

David Dunsy

09:15