

**Session Program**

**5-7 May 2021**

**First EuCAPT Annual Symposium**

***Dark Matter***

CERN, Online only

# Thursday 6 May

09:00

## Dark Matter: Thursday, Morning Session 1

Session | Convener: Marco Cirelli

### 09:00–09:30 Model building aspects of dark matter

**Speaker**

Prateek Agrawal

### 09:30–09:35

### Celestial-body focused dark matter annihilation throughout the galaxy

**Speaker**

Payel Mukhopadhyay

**Location**

Lightning talk

### 09:35–09:40

### Degeneracy, dwarfs and (fermionic) dark matter

**Speaker**

James Alvey

**Location**

Lightning talk

### 09:40–09:45

### Charting the fifth force landscape

**Speaker**

Hannah Banks

**Location**

Lightning talk

### 09:45–09:50

### Non-cold dark matter from primordial black hole evaporation

**Speaker**

Quentin Decant

**Location**

Lightning talk

### 09:50–09:55

### An attractive scenario for light dark matter direct detection

**Speaker**

Julia Gehrlein

**Location**

Lightning talk

### 09:55–10:00

### Constraining the diffuse supernova axion-like-particle background with high-latitude Fermi data

**Speaker**

Christopher Eckner

**Location**

Lightning talk

10:30	<p><b>10:00-10:30</b>   <b>New directions in direct detection of dark matter</b></p> <p><b>Speaker</b> Yonit Hochberg</p>
11:00	<p><b>Dark Matter: Thursday, Morning Session 2</b> <b>Session</b>   <b>Convener:</b> Marco Cirelli</p>
11:30	<p><b>11:00-11:30</b>   <b>Indirect probes of dark matter</b></p> <p><b>Speaker</b> Bradley Kavanagh</p>
11:30	<p><b>Dark Matter</b> <b>Session</b></p>
	<p><b>11:30-11:35</b>   <b>Freezing in with lepton flavored fermions</b></p> <p><b>Speaker</b> Shiuli Chatterjee</p> <p><b>Location</b> Lightning talk</p>
11:40	<p><b>11:35-11:40</b>   <b>Primordial black holes from confinement</b></p> <p><b>Speaker</b> Michael Zantedeschi</p> <p><b>Location</b> Lightning talk</p>

## Friday 7 May

16:30

17:00

### Dark Matter: Outlook

Session

16:30–17:00 **Dark Matter: Outlook**

**Speaker**

Marco Cirelli