

**Session Program**

**25-28 Sept 2022**

**International Conference on Neutrinos and  
Dark Matter (NuDM-2022)**

***Parallel 2***

Sharm El Sheikh

# Monday 26 September

16:45

## Parallel 2: Dark Matter

**Session** | **Location:** Sharm El Sheikh | **Convener:** Kensuke Akita

16:45–17:00

### Study of Dark Matter with directionality approach using ZnWO<sub>4</sub> crystal scintillators

**Speaker**

Alice Leoncini

**Location**

online

17:00–17:15

### Cosmological constraints on the dark matter density distribution of dwarf spheroidal galaxies

**Speaker**

Shunichi Horigome

**Location**

online

17:15–17:30

### Massive gravity from type II String compactifications

**Speaker**

Poula Tadros

**Location**

online

17:30–17:45

### Effective Field Theories for Dark Matter Pairs in the Early Universe

**Speaker**

Gramos Qerimi

**Location**

Sharm El Sheikh

17:45–18:00

### Hints of Dark Matter from pulsating stars

**Speaker**

Adrián Ayala Gómez

**Location**

online

18:00–18:15

### The SuperCDMS SNOLAB Experiment

**Speaker**

Yan Liu

**Location**

Sharm El Sheikh

18:15–18:30

### The Phonon Background from Gamma Rays in Sub-GeV Dark Matter Detectors

**Speaker**

Yutaro Shoji

18:30

**Location**  
Sharm El Sheikh