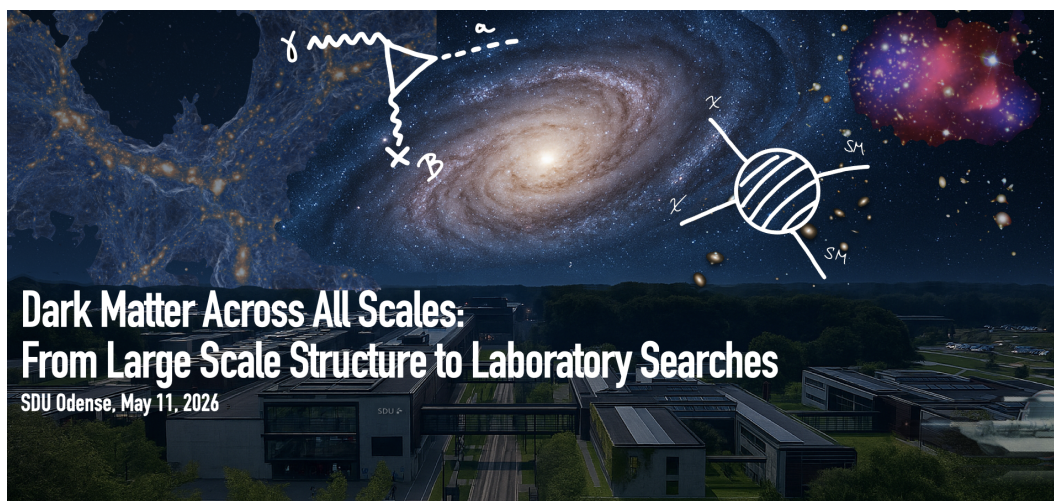


## Session Program

11 May 2026



## Dark matter across all scales: From large scale structure to laboratory searches

### *Posters*

University of Southern Denmark, DIAS Seminar Room  
Campusvej 55 5230 Odense Denmark

# Monday 11 May

15:30

## Posters: Lightning talks

**Session** |

**Location:** University of Southern Denmark, DIAS Seminar Room, Campusvej 55 5230 Odense Denmark |

**Convener:** Manuel Meyer

15:30–15:35

### Investigating Dark Matter through Cosmological Simulations and Comparisons with Observations

**Speaker**

Julie Maggaard Knudsen

15:35–15:40

### Exploring the Nature of Dark Matter with Cosmological Simulations and Machine Learning

**Speaker**

Pernille Truong

15:40–15:45

### Searches for spectral upturns due to photon to Axion-like particle (ALP) conversions using H.E.S.S. and Fermi-LAT observations

**Speaker**

Dominik Pastuszka Malek

15:45–15:50

### Towards a Cryogenic Optical Filtering System for Background Suppression in High-Efficiency Single-Photon Detectors

**Speaker**

Joakim Rützou Rosenkilde

15:50–15:55

### The radial acceleration relation at the EDGE of galaxy formation: challenging its universality in low-mass dwarf galaxies

**Speaker**

Mariana P. Júlio

15:55–16:00

### Andromeda's asymmetric satellite system as a challenge to cold dark matter cosmology

**Speaker**

Kosuke Kanehisa

16:00–16:05

### Detection of Single Photons under Strong Parallel Magnetic Fields Using NbTiN-based Superconducting Nanowires

**Speaker**

Elmeri Rivasto

16:05-16:10

**Developing Diversity with Self-Interacting Dark Matter in Low-Mass Halos and Milky Way Subhalos**

**Speaker**

Maya Sophia Silverman

16:10