

## **Session Program**

**11-13 May 2026**

# **Superconducting Technologies for Dark Matter**

## ***Axion Sensing 2***

Roma  
Centro Congressi d'Ateneo, Via Salaria 113, 00198 Roma

# Wednesday 13 May

09:00

## Axion Sensing 2

**Session** | **Location:** Roma, Centro Congressi d'Ateneo, Via Salaria 113, 00198 Roma | **Convener:**  
BERNARD VAN HECK

09:00-09:25

### Superconducting Sensors and Photonics for HAYSTAC and ALPHA

**Speaker**

Karl Van Bibber

09:25-09:50

### SQUATs: Qubit-Based Sensors for Dark Matter

**Speaker**

Taylor Aralis

09:50-10:15

### Superconducting TWPAs in Dark Matter Searches

**Speaker**

Dr Andrea Giachero

10:15-10:40

### High-Q Cavities and Quantum Sensing Platforms for Fundamental Physics at SQMS

**Speaker**

Bianca Giaccone

10:40