

## **Session Program**

**24-27 Mar 2025**

### **UCLA Dark Matter 2025**

#### ***SESSION 19: Direct detection: Ultra-Light DM (Axions, ALPs, WISPs) searches (CHAIR: Kim Boddy -UTAUS)***

UCLA Physics and Astronomy Building 1-425  
475 Portola Plaza, Los Angeles, CA 90095 [darkmatter@physics.ucla.edu](mailto:darkmatter@physics.ucla.edu)

## Thursday 27 March

15:20

### SESSION 19: Direct detection: Ultra-Light DM (Axions, ALPs, WISPs) searches (CHAIR: Kim Boddy -UTAUS)

**Session** |

**Location:** UCLA Physics and Astronomy Building 1-425, 475 Portola Plaza, Los Angeles, CA 90095  
darkmatter@physics.ucla.edu

15:20-15:35

#### Searching for Axion Dark Matter with the ORGAN Experiment

**Speaker**

Michael Tobar

15:35-15:50

#### Recent results on dark sector searches at Belle II

**Speaker**

Cristina Martellini

15:50-16:05

#### Overview and Current Status of GRAMS (Gamma-Ray and AntiMatter Survey)

**Speaker**

Tsuguo Aramaki

16:05-16:20

#### The Axion Dark Matter eXperiment (ADMX): Overview of Current Operations and Future R&D

**Speaker**

Erik Lentz

16:20-16:35

#### New Results from HAYSTAC's Search for Dark Matter Axions

**Speaker**

Michael Jewell

16:35-16:50

#### The progress of ALETHEIA, a low-mass DM direct detection project with liquid helium-filled TPCs

**Speaker**

Junhui Liao

16:50-17:05

#### Searching for Axions and High-Frequency Gravitational Waves with ABRACADABRA-10cm

**Speaker**

Dr Kaliroe Pappas

17:05-17:20

#### NuSTAR as an Axion Helioscope

**Speaker**

Prof. Jaime Ruz Armendariz

17:20-17:35

#### DMRadio: The Search for $< 1\mu\text{eV}$ Axions

**Speaker**

Lindley Winslow

17:35-17:50

**BREAD- The Broadband Reflector Experiment for Axion Detection**

**Speaker**

Andrew Sonnenschein

17:50