

## **Session Program**

**21-23 Feb 2018**



## **UCLA Dark Matter 2018**

### ***Session 14***

UCLA Faculty Center  
480 Charles Young Drive, Los Angeles, California 90095 USA

## Thursday 22 February

13:30

### Session 14: Dark Matter Detection: New Proposals

**Session** | **Location:** | **Convener:** Reina Maruyama

13:30–13:45

**Peter F. Smith (UCLA): The HUNTER experiment: proposed detection of keV-range sterile neutrinos by energy-momentum reconstruction of atomic K-capture**

**Speaker**

PETER F SMITH

**Location**

13:45–14:00

**Philippe Gros (Queen's U., Kingston, Canada): NEWS-G: search for low-mass WIMPS with Spherical Proportional Counters**

**Speaker**

Philippe Gros

**Location**

14:00–14:15

**Tien-Tien Yu (CERN): Exploring the sub-GeV Dark Matter Frontier with SENSEI**

**Speaker**

Tien-Tien Yu

**Location**

14:15–14:30

**Joshua Berger (U. of Wisconsin-Madison): Searching for Boosted Dark Dark Matter in Large Volume Neutrino Detectors**

**Speaker**

Joshua Berger

**Location**

14:30–14:45

**Gulden Othman (U. of North Carolina-Chapel Hill): Low-Mass WIMP Search Using the MAJORANA DEMONSTRATOR**

**Speaker**

Gulden Othman

**Location**

14:45–15:00

**Omar Moreno (SLAC): First Results from the Heavy Photon Search**

**Speaker**

Omar Moreno

**Location**

15:00