

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