

Session Program

21-23 Feb 2018



UCLA Dark Matter 2018

Session 9

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

Wednesday 21 February

14:42

Session 9: Axions, Alps, Wisps as dark matter

Session | Location: | Convener: Graham Giovanetti

14:42–15:02

Christian Boutan (Pacific Northwest National Laboratory): The Axion Dark Matter Experiment (ADMX): Overview & Recent Results

Speaker

Christian Boutan

Location

15:02–15:22

Jonghee Yoo (KAIST): Axion Dark Matter Search

Speaker

Prof. JONGHEE YOO

Location

15:22–15:37

Alexander Millar (MPI Munich): Dielectric haloscopes: a new way to search for axion dark matter

Speaker

Alexander Millar

Location

15:37–15:51

Luca Visinelli (Stockholm University and Nordita): Axions in cosmology and astrophysics

Speaker

Dr Luca Visinelli

Location

15:51

16:20

Session 9: Axions, Alps, Wisps as dark matter-continuation

Session | Location: | Conveners: Graham Giovanetti, Pierre Sikivie

16:20–16:34

Enrico Schiappacasse (Institute of Cosmology - Tufts University): Axion Dark Matter Clump

Speaker

Mr Enrico Schiappacasse

Location

16:34–16:48

Ariel Zhitnitsky (University of British Columbia): Cosmological axion field and quark nugget dark matter model

Speaker

Ariel Zhitnitsky

Location

16:48-17:02

Miguel Daal (UCSB): Light Bosonic Dark Dark Matter Search Using Microwave Kinetic Inductance Detectors (MKIDs)

Speaker

Miguel Daal

Location

17:02-17:16

Yevgeny Stadnik (Johannes Gutenberg University of Mainz): New Laboratory and Astrophysical Probes for Low-Mass Dark Matter and Dark Bosons

Speaker

Yevgeny Stadnik

Location

17:16-17:30

Arran Phipps (Stanford University): Dark Matter Radio

Speaker

arran phipps

Location

17:30