

Session Program

Sep 12 - 16, 2016

TeV Particle Astrophysics 2016

Dark matter (direct detection)

CERN

Mon, September 12

4:30 PM

Dark matter (direct detection): I

Session | **Location:** CERN, 6/2-024 - BE Auditorium Meyrin | **Conveners:**
Julien Billard, Nassim Bozorgnia, Marc Schumann

4:30 - 4:50 PM

Recent Results from the PandaX-II Dark Matter Experiments

Speaker

Prof. Jianglai Liu

4:50 - 5:10 PM

The XENON dark matter program - results, status and prospects

Speaker

Prof. Jan Conrad

5:10 - 5:30 PM

Recent Results from the Large Underground Xenon Experiment

Speaker

Prof. Alex Murphy

5:30 - 5:50 PM

First light from DEAP-3600, a single phase liquid argon detector for dark matter search

Speaker

Fabrice Retiere

5:50 - 6:10 PM

The DarkSide of Direct Dark Matter Searches

Speaker

Emilija Pantic

6:30 PM

Tue, September 13

2:00 PM

Dark matter (direct detection): II

Session | **Location:** CERN, 60/6-015 - Room Georges Charpak (Room F) | **Conveners:**
Nassim Bozorgnia, Julien Billard

2:00 – 2:20 PM

Low-mass Dark Matter search with EDELWEISS: latest results and outlook

Speaker

Valentin Kozlov

2:20 – 2:40 PM

Search for light dark matter with the CRESST experiment

Speaker

Christian Strandhagen

2:40 – 3:00 PM

Studying generalised dark matter interactions with extended halo-independent methods

Speaker

Felix Kahlhoefer

3:00 – 3:20 PM

Direct dark matter detection and the neutrino floor

Speakers

Ciaran O'Hare, Ciaran O'Hare

3:20 – 3:40 PM

Dark Matter Detectors and Neutrinos

Speaker

Malcolm Fairbairn

3:40 – 4:00 PM

Constraining dark matter neutrino interactions at the direct detection experiments

Speaker

Suchita Kulkarni

4:00 PM

Fri, September 16

2:00 PM

Dark matter (direct detection): III

Session | **Location:** CERN, 13/2-005 | **Conveners:** Julien Billard, Nassim Bozorgnia

2:00 - 2:30 PM

Determining the Local Dark Matter Density

Speaker

Hamish Silverwood

2:30 - 2:50 PM

Status of NEWS: Nuclear Emulsions for WIMP Search

Speaker

Giovanni Rosa

2:50 - 3:10 PM

Leading the search for light WIMPs: CDMSlite and SuperCDMS SNOLAB

Speaker

Alan Robinson

3:10 - 3:30 PM

Status of LZ dark matter search experiment

Speaker

Sridhara Dasu

3:30 - 3:50 PM

DARWIN: Towards the Ultimate Dark Matter Detector

Speaker

Dr Alexander Kish

4:00 PM