

Session Program

28 January 2013 to 3 February 2013

Aspen 2013 - Closing in on Dark Matter

Indirect Detection

Aspen Center for Physics, Flug Forum
700 W. Gillespie Street Aspen, CO 81611

Tuesday 29 January

18:15

Indirect Detection: 1

Session | **Location:** Aspen Center for Physics, Flug Forum, 700 W. Gillespie Street Aspen, CO 81611

18:15–18:40

The Density & Velocity Structure of Dark Matter Halos

Speaker

Risa Wechsler

18:40–19:05

Astrophysical simulations with baryons

Speaker

Justin Read

19:05–19:30

Current and future insights on dark matter particle properties through strong gravitational lensing observations

Speaker

Leonidas Moustakas

19:30

Wednesday 30 January

09:45

Indirect Detection: 2

Session | **Location:** Aspen Center for Physics, Flug Forum, 700 W. Gillespie Street Aspen, CO 81611

09:45-10:10

Indirect Searches for Dark Matter with the Fermi LAT

Speaker

Alex Drlica-Wagner

10:10-10:35

Searches for TeV-scale dark matter

Speaker

Sasha Belikov

10:35-11:00

Signals from Dark Matter Annihilation at the Galactic Center

Speaker

Tim Linden

11:00-11:25

Joint dataset analysis and dark matter constraints from dwarf galaxies

Speaker

Savvas Koushiappas

11:25-11:50

Cold Dark Matter vs Galactic Dynamics

Speaker

Matthew Walker

11:50

Thursday 31 January

09:45

Indirect Detection: 3

Session | **Location:** Aspen Center for Physics, Flug Forum, 700 W. Gillespie Street Aspen, CO 81611

09:45–10:10 **XMASS**

Speaker

Kazuyoshi Kobayashi

10:10–10:35 **Fermi-LAT Line Search, Systematic Issues and the 130GeV Feature**

Speaker

Eric Charles

10:35–11:00 **Are the Fermi lines real?**

Speaker

Daniel Whiteson

11:00

18:15

Indirect Detection: 4

Session | **Location:** Aspen Center for Physics, Flug Forum, 700 W. Gillespie Street Aspen, CO 81611

18:15–18:40 **IceCube + Neutrino Searches**

Speaker

Carsten Rott

18:40–19:05 **HAWC**

Speaker

John Pretz

19:05–19:30 **AMS-02**

Speaker

Andrei Kounine

19:30

Friday 1 February

18:15

Indirect Detection: 5

Session | **Location:** Aspen Center for Physics, Flug Forum, 700 W. Gillespie Street Aspen, CO 81611

18:15–18:40 **Light dark matter: motivation, theory, ongoing search**

Speaker
Alex Kusenko

18:40–19:05 **Local Dark Matter Density**

Speaker
Jo Bovy

19:05–19:30 **Tidal streams**

Speaker
Raymond Carlberg

19:30

Saturday 2 February

09:45

Indirect Detection: 6

Session | **Location:** Aspen Center for Physics, Flug Forum, 700 W. Gillespie Street Aspen, CO 81611

09:45-10:10

The Quest for Dark Matter Signals and the gamma-ray sky: the low energy window

Speaker

Aldo Morselli

10:10-10:35

CTA

Speaker

Matthew Wood

10:35-11:00

Dark Matter Search Perspectives with Gamma-400

Speaker

Alex Moiseev

11:00