

Amsterdam-Paris-Stockholm, 7th Meeting



Report of Contributions

Contribution ID: 1

Type: **not specified**

Opening Remarks

Wednesday, 11 October 2017 14:00 (15 minutes)

Presenter: BERTONE, Gianfranco

Contribution ID: 2

Type: **not specified**

New developments in Dark Matter Direct Detection

Wednesday, 11 October 2017 14:15 (30 minutes)

Presenter: Dr MCCABE, Christopher (King's College London)

Contribution ID: 3

Type: **not specified**

The motivation for and status of WIMPs

Wednesday, 11 October 2017 14:45 (30 minutes)

Presenter: CIRELLI, Marco (CNRS LPTHE Jussieu)

Contribution ID: 4

Type: **not specified**

Axions

Wednesday, 11 October 2017 15:15 (30 minutes)

Presenter: FAIRBAIRN, Malcolm

Contribution ID: 5

Type: **not specified**

Accretion Physics

Thursday, 12 October 2017 09:00 (30 minutes)

Presenter: CONNORS, Riley

Contribution ID: 6

Type: **not specified**

Primordial Black Holes

Thursday, 12 October 2017 09:30 (30 minutes)

Presenter: GAGGERO, Daniele

Contribution ID: 7

Type: **not specified**

PBHs from Inflation

Thursday, 12 October 2017 10:00 (30 minutes)

Presenter: FREIVOGEL, Ben (University of California at Berkeley)

Contribution ID: 8

Type: **not specified**

The status of scalar singlet and supersymmetric dark matter

Thursday, 12 October 2017 14:00 (30 minutes)

Presenter: SCOTT, Pat

Contribution ID: 9

Type: **not specified**

Better Models of the Gamma-ray Sky with SkyFACT

Thursday, 12 October 2017 14:40 (30 minutes)

Presenter: STORM, Emma (GRAPPA, University of Amsterdam)

Contribution ID: **10**

Type: **not specified**

Results of a search for high-energy nuclear recoil events in the XENON100 dataset

Presenter: Dr FARMER, Benjamin (Oskar Klein Centre)

Contribution ID: 11

Type: **not specified**

Distributed Gaussian Processes

Thursday, 12 October 2017 16:10 (10 minutes)

Presenter: LIEM, Sebastian (GRAPPA, University of Amsterdam)

Contribution ID: 12

Type: **not specified**

How to distinguish warm intergalactic medium from warm dark matter?

Friday, 13 October 2017 12:10 (10 minutes)

Presenter: GARZILLI, Antonella

Contribution ID: 13

Type: **not specified**

Cosmic Rays

Friday, 13 October 2017 09:00 (30 minutes)

Presenter: GABICI, Stefano

Contribution ID: 14

Type: **not specified**

Bayesian Methods

Presenter: TROTTA, Roberto (Imperial College London)

Contribution ID: 15

Type: **not specified**

What do Galactic electrons and positrons tell us about dark matter?

Friday, 13 October 2017 09:30 (30 minutes)

Presenter: BOUDAUD, Mathieu (LAPTh Annecy France)

Contribution ID: 16

Type: **not specified**

A "nu" look at gravitational waves: The black hole birth rate from neutrinos combined with the merger rate from LIGO

Friday, 13 October 2017 14:00 (30 minutes)

Presenter: Dr DAVIS, Jonathan (King's College London)

Contribution ID: 17

Type: **not specified**

The Rise of the Leptons: Pulsar Emission Dominates the TeV Gamma-Ray Sky

Friday, 13 October 2017 14:30 (30 minutes)

Presenter: LINDEN, Tim

Contribution ID: **18**

Type: **not specified**

The Cosmic Ray Spectrum of Protons and Helium

Friday, 13 October 2017 10:00 (10 minutes)

Presenter: Dr RECCHIA, Sarah (University Paris 7- APC (France))

Contribution ID: 19

Type: **not specified**

Prospects for dark matter detection in dwarf irregular galaxies

Friday, 13 October 2017 11:50 (10 minutes)

Presenter: Ms KARUKES, Ekaterina (International School for Advanced Studies)

Contribution ID: 20

Type: **not specified**

Hidden neutrino interactions with dark energy: Effects on oscillation probabilities and tests with high-energy neutrinos

Friday, 13 October 2017 12:00 (10 minutes)

Presenter: KLOP, Niki (GRAPPA, University of Amsterdam)

Contribution ID: 21

Type: **not specified**

Neutrinos from cosmic ray interactions in the Sun

Friday, 13 October 2017 10:10 (10 minutes)

Presenter: NIBLAEUS, Carl (Stockholm University)

Contribution ID: 22

Type: **not specified**

Dark Information: Forecasting with the Fisher Matrix

Thursday, 12 October 2017 15:10 (10 minutes)

Presenter: EDWARDS, Thomas (University of Amsterdam)

Contribution ID: 23

Type: **not specified**

Radiative mass splittings

Wednesday, 11 October 2017 15:45 (10 minutes)

Presenter: MCKAY, James (Imperial College London)

Contribution ID: 24

Type: **not specified**

A Novel LHC Dark Matter Search to Dissect the Galactic Centre Excess

Thursday, 12 October 2017 16:20 (10 minutes)

Presenter: TUNNEY, Patrick (King's College London)

Contribution ID: 25

Type: **not specified**

Stellar origin of the Galactic Center Excess

Friday, 13 October 2017 12:20 (10 minutes)

Presenter: BARTELS, Richard (University of Amsterdam)

Contribution ID: 26

Type: **not specified**

A Highly Colored Account of Coannihilation

Thursday, 12 October 2017 15:20 (10 minutes)

Presenter: EL HEDRI, sonia (JGU Mainz)

Contribution ID: 27

Type: **not specified**

Consistent scalar mediators for dark matter: the 2HDM case

Thursday, 12 October 2017 16:00 (10 minutes)

Presenter: NORDSTROM, Karl (NIKHEF)

Contribution ID: 28

Type: **not specified**

A gambit to study right-handed neutrinos

Thursday, 12 October 2017 14:30 (10 minutes)

Presenter: KRISHNAMURTHY, Suraj (University of Amsterdam)

Contribution ID: 29

Type: **not specified**

Particle Dark Matter Constraints: the Effect of Galactic Uncertainties

Thursday, 12 October 2017 16:30 (10 minutes)

Presenter: IOCCO, Fabio (ICTP-SAIFR)

Contribution ID: 30

Type: **not specified**

An Investigation of the Feasibility of a Polarised He-3 Dark Matter Detector

Thursday, 12 October 2017 16:40 (10 minutes)

Presenter: FRANSSON, Tobias

Contribution ID: **31**

Type: **not specified**

MeV dark matter: EFT constraints

Thursday, 12 October 2017 16:50 (10 minutes)

Presenter: Dr GRILLI DI CORTONA, Giovanni (University of Sao Paulo)

Contribution ID: 32

Type: **not specified**

Dark Matter in the NMSSM

Wednesday, 11 October 2017 15:55 (10 minutes)

Presenter: BAUM, Sebastian (Stockholm University and Oskar Klein Centre)

Contribution ID: 33

Type: **not specified**

XENON1T latest results

Wednesday, 11 October 2017 16:05 (10 minutes)

Presenter: PELSSERS, Bart (Stockholm University)