

SWAPS 2014

Report of Contributions

Contribution ID: 0

Type: **not specified**

Status of DM searches at LHC

Presenters: Dr TAIT, Tim (Argonne National Lab); TAIT, Tim (University of California, Irvine)

Contribution ID: 1

Type: **not specified**

Complementarities of Direct, indirect and collider searches

Presenter: ULLIO, Piero (SISSA)

Contribution ID: 2

Type: **not specified**

The future of Neutrino Telescopes

Friday, 13 June 2014 09:15 (35 minutes)

Presenter: HALZEN, Francis (High Energy Physics-Department of Physics-University of Wisconsin)

Session Classification: High-Energy Astrophysics and Neutrinos

Contribution ID: 3

Type: **not specified**

Status of Dark Matter searches at LHC

Wednesday, 11 June 2014 14:15 (40 minutes)

Presenters: Prof. FRANSEN, Mads (University of Southern Denmark); FRANSEN, Mads Toudal (Unknown)

Session Classification: Dark Matter study approaches

Contribution ID: 4

Type: **not specified**

Complementarities between direct, indirect and collider searches

Wednesday, 11 June 2014 14:55 (40 minutes)

Presenter: CIRELLI, Marco (IPhT CNRS/CEA Saclay)

Session Classification: Dark Matter study approaches

Contribution ID: 5

Type: **not specified**

A deep view on neutrinos as dark matter

Wednesday, 11 June 2014 18:35 (30 minutes)

Presenter: Prof. BOYARSKY, Alexey (Leiden University)

Session Classification: Dark Matter

Contribution ID: 6

Type: **not specified**

Axions

Contribution ID: 7

Type: **not specified**

Searches of Dark Matter with TeV gamma-rays and CTA

Wednesday, 11 June 2014 17:35 (30 minutes)

Presenter: DORO, Michele (University of Padua and INFN Padua)

Session Classification: Dark Matter

Contribution ID: 8

Type: **not specified**

Current and close future status of the neutrino accelerator program

Thursday, 12 June 2014 09:45 (40 minutes)

Presenter: Prof. SCHOLBERG, Kate (Duke University)

Session Classification: Neutrino

Contribution ID: 9

Type: **not specified**

What is left to measure on neutrino physics?

Thursday, 12 June 2014 09:00 (45 minutes)

Presenter: Dr PASCOLI, Silvia (Durham University)

Session Classification: Neutrino

Contribution ID: **10**

Type: **not specified**

LAGUNA-LBNO

Thursday, 12 June 2014 12:35 (30 minutes)

Presenter: Prof. RUBBIA, Andre (Eidgenoessische Tech. Hochschule Zuerich (CH))

Session Classification: Experiments in the SWISS Whitepaper on large ground-based Astroparticle Infrastructures

Contribution ID: 11

Type: **not specified**

DARWIN and XENON

Thursday, 12 June 2014 11:35 (30 minutes)

Presenter: Prof. BAUDIS, Laura (University of Zurich)

Session Classification: Experiments in the SWISS Whitepaper on large ground-based Astroparticle Infrastructures

Contribution ID: 12

Type: **not specified**

CTA/ASTRI

Friday, 13 June 2014 16:40 (25 minutes)

Presenter: TAVECCHIO, Fabrizio (INAF)

Session Classification: Future ground based experiments for astronomy and high energy astrophysics

Contribution ID: 13

Type: **not specified**

High-energy gamma-ray astrophysics

Friday, 13 June 2014 09:50 (30 minutes)

Presenter: NERONOV, Andrii (Universite de Geneve (CH))

Session Classification: High-Energy Astrophysics and Neutrinos

Contribution ID: 14

Type: **not specified**

Discussion and short talks

Contribution ID: 15

Type: **not specified**

A summary on Fermi results

Contribution ID: 16

Type: **not specified**

Swiss space experiments in high-energy astroparticle physics

Contribution ID: 17

Type: **not specified**

FACT and MAGIC results

Presenter: BILAND, Adrian (Eidgenössische Technische Hochschule Zurich/ETH (ETH))

Contribution ID: **18**

Type: **not specified**

The future Japanese neutrino program

Thursday, 12 June 2014 14:05 (30 minutes)

Presenter: YOKOYAMA, Masashi (University of Tokyo)

Session Classification: Future programs on neutrino LBL and SBL

Contribution ID: 19

Type: **not specified**

MAGIC and FACT Results

Friday, 13 June 2014 16:15 (25 minutes)

Presenter: BILAND, Adrian (Eidgenössische Technische Hochschule Zurich/ETH (ETH))

Session Classification: Future ground based experiments for astronomy and high energy astrophysics

Contribution ID: 20

Type: **not specified**

Stable massive particle searches in cosmic rays and in matter

Wednesday, 11 June 2014 18:05 (30 minutes)

Presenter: MERMOD, Philippe (Universite de Geneve (CH))

Session Classification: Dark Matter

Contribution ID: 21

Type: **not specified**

Measurements of Local DM density

Wednesday, 11 June 2014 16:05 (30 minutes)

Presenter: Prof. LAKE, George (University of Zurich)

Session Classification: Dark Matter

Contribution ID: 22

Type: **not specified**

Short Baseline Program at FermiLab and MicroBoone

Thursday, 12 June 2014 15:05 (30 minutes)

Primary author: WEBER, Michele (Universitaet Bern (CH))

Presenter: Dr WEBER, Michele (University of Bern)

Session Classification: Future programs on neutrino LBL and SBL

Contribution ID: 23

Type: **not specified**

R&D and neutrino experiments with LAr TPCs

Thursday, 12 June 2014 16:45 (25 minutes)

Presenter: Prof. ERREDITATO, Antonio (Universitaet Bern (CH))

Session Classification: R&D on LAr/LXe in Switzerland

Contribution ID: 24

Type: **not specified**

LXe R&D developments for DM studies

Thursday, 12 June 2014 17:35 (25 minutes)

Presenter: SCHUMANN, Marc (University of Bern)

Session Classification: R&D on LAr/LXe in Switzerland

Contribution ID: 25

Type: **not specified**

Ideas on Neutrino Physics beyond the SM

Friday, 13 June 2014 08:40 (35 minutes)

Presenter: SHAPOSHNIKOV, Mikhail (EPFL)

Session Classification: High-Energy Astrophysics and Neutrinos

Contribution ID: 26

Type: **not specified**

Swiss space experiments in high-energy astroparticle physics

Friday, 13 June 2014 14:25 (30 minutes)

Presenter: WU, Xin (Universite de Geneve (CH))

Session Classification: Space programs

Contribution ID: 27

Type: **not specified**

Summary of Fermi results

Friday, 13 June 2014 13:50 (35 minutes)

Presenter: MCENERY, Julie (NASA)

Session Classification: Space programs

Contribution ID: 28

Type: **not specified**

Large scale structure, weak lensing, astro constraints on DM

Presenter: Prof. REFREGIER, Alexandre (ETHZ)

Contribution ID: 29

Type: **not specified**

The US long baseline neutrino program

Thursday, 12 June 2014 14:35 (30 minutes)

Presenter: FLEMING, Bonnie (Yale University)

Session Classification: Future programs on neutrino LBL and SBL

Contribution ID: **30**

Type: **not specified**

SKA Science

Friday, 13 June 2014 15:50 (25 minutes)

Presenter: Ms DESSAUGES, Miroslava (University of Geneva)

Session Classification: Future ground based experiments for astronomy and high energy astrophysics

Contribution ID: 31

Type: **not specified**

EXO-200 results and also nEXO prospects

Thursday, 12 June 2014 18:00 (30 minutes)

Presenter: GORNEA, Razvan (Bern University)

Session Classification: Neutrino double beta decay

Contribution ID: 32

Type: **not specified**

The nature of neutrinos and neutrino double beta decay prospects

Contribution ID: 33

Type: **not specified**

GERDA

Thursday, 12 June 2014 18:30 (30 minutes)

Presenter: BENATO, Giovanni (U)

Session Classification: Neutrino double beta decay

Contribution ID: 34

Type: **not specified**

Large scale structure, weak lensing, astrophysical constraints on DM

Friday, 13 June 2014 10:50 (35 minutes)

Presenter: Prof. REFREGIER, Alexandre (ETHZ)

Session Classification: Cosmology

Contribution ID: 35

Type: **not specified**

Neutrino steriles and recent Planck results

Friday, 13 June 2014 11:25 (35 minutes)

Presenter: LESGOURGUES, Julien (Ecole Polytechnique Federale de Lausanne (CH))

Session Classification: Cosmology

Contribution ID: 36

Type: **not specified**

CTA

Thursday, 12 June 2014 12:05 (30 minutes)

Presenter: MONTARULI, Teresa (Universite de Geneve (CH))

Session Classification: Experiments in the SWISS Whitepaper on large ground-based Astroparticle Infrastructures

Contribution ID: 37

Type: **not specified**

Has Bicep2 proved cosmological inflation?

Friday, 13 June 2014 12:00 (35 minutes)

Presenter: Prof. SARKAR, Subir (Rudolf Peierls Centre for Theoretical Physics - University of Oxford)

Session Classification: Cosmology

Contribution ID: **38**

Type: **not specified**

DAMIC: a novel approach for DM searches

Wednesday, 11 June 2014 16:35 (30 minutes)

Presenter: Prof. KILIMINSTER, Ben (University of Zurich)

Session Classification: Dark Matter

Contribution ID: 39

Type: **not specified**

Double Beta Decay and scintillating bolometers

Thursday, 12 June 2014 10:25 (40 minutes)

Presenter: Dr GIULIANI, Andrea

Session Classification: Neutrino

Contribution ID: 40

Type: **not specified**

WA 105

Thursday, 12 June 2014 17:10 (25 minutes)

Presenter: AUTIERO, Dario (Universite Claude Bernard-Lyon I (FR))

Session Classification: R&D on LAr/LXe in Switzerland

Contribution ID: 41

Type: **not specified**

Intensity Interferometry with CTA

Friday, 13 June 2014 15:25 (25 minutes)

Presenter: Dr RODEGHIERO, Gabriele

Session Classification: Future ground based experiments for astronomy and high energy astrophysics

Contribution ID: 42

Type: **not specified**

ArDM

Wednesday, 11 June 2014 17:05 (30 minutes)

Presenter: REGENFUS, Christian (Eidgenoessische Tech. Hochschule Zuerich (CH))

Session Classification: Dark Matter