

Flavour and Dark Matter

Report of Contributions

Contribution ID: 1

Type: **not specified**

Charged LFV overview

Thursday 28 September 2017 09:30 (30 minutes)

Presenter: KOPP, Joachim (Johannes-Gutenberg-Universitaet Mainz (DE))

Session Classification: Lepton flavour violation

Contribution ID: 2

Type: **not specified**

DM at $\mu 3e$

Thursday 28 September 2017 11:30 (30 minutes)

Presenter: SCHOENING, Andre (Ruprecht-Karls-Universitaet Heidelberg (DE))

Session Classification: Lepton flavour violation

Contribution ID: 3

Type: **not specified**

The future at NA62

Thursday 28 September 2017 11:00 (30 minutes)

Presenter: KHORIAULI, Gia (Johannes Gutenberg Universitaet Mainz (DE))

Session Classification: Lepton flavour violation

Contribution ID: 4

Type: **not specified**

Axiflavor theory

Tuesday 26 September 2017 09:30 (30 minutes)

Presenter: GOERTZ, Florian (Max-Planck-Gesellschaft (DE))

Session Classification: Axions

Contribution ID: 5

Type: **not specified**

Axions beyond DFSZ/KSVZ

Tuesday 26 September 2017 10:00 (30 minutes)

Presenter: DI LUZIO, Luca

Session Classification: Axions

Contribution ID: 6

Type: **not specified**

MFV with ALPs

Tuesday 26 September 2017 11:00 (30 minutes)

Presenter: IM, Sang Hui (Seoul National University)

Session Classification: Axions

Contribution ID: 7

Type: **not specified**

Theory overview for sterile neutrinos

Monday 25 September 2017 13:55 (30 minutes)

Presenter: DREWES, Marco (Ecole Polytechnique Federale de Lausanne (EPFL))

Session Classification: Sterile neutrinos

Contribution ID: 8

Type: **not specified**

Sterile neutrinos at LHCb

Monday 25 September 2017 14:25 (30 minutes)

Presenter: FISCHER, Oliver (Unibas)

Session Classification: Sterile neutrinos

Contribution ID: 9

Type: **not specified**

Sterile neutrinos at NA62

Monday 25 September 2017 14:55 (30 minutes)

Presenter: PERUZZO, Letizia (Johannes Gutenberg Universitaet Mainz (DE))

Session Classification: Sterile neutrinos

Contribution ID: **10**

Type: **not specified**

Sterile neutrinos at KATRIN and beyond

Monday 25 September 2017 15:55 (30 minutes)

Presenter: MERTENS, Susanne (KIT)

Session Classification: Sterile neutrinos

Contribution ID: 11

Type: **not specified**

ECHO and beyond

Monday 25 September 2017 16:25 (30 minutes)

Presenter: GASTALDO, Loredana (Heidelberg University)

Session Classification: Sterile neutrinos

Contribution ID: 12

Type: **not specified**

The flavour portal to dark matter

Wednesday 27 September 2017 09:30 (30 minutes)

Presenter: CRIVELLIN, Andreas

Session Classification: Flavoured dark sector

Contribution ID: 13

Type: **not specified**

Flavoured dark matter

Wednesday 27 September 2017 10:00 (30 minutes)

Presenter: VERHAAREN, Christopher (University of California, Davis)

Session Classification: Flavoured dark sector

Contribution ID: 14

Type: **not specified**

FCNC portals to dark sector

Wednesday 27 September 2017 11:00 (30 minutes)

Presenter: SMITH, Christopher (LPSC)

Session Classification: Flavoured dark sector

Contribution ID: 15

Type: **not specified**

Hidden photons

Wednesday 27 September 2017 15:30 (30 minutes)

Presenter: FOLDENAUER, Patrick

Session Classification: Dark photons and Z' bosons

Contribution ID: 16

Type: **not specified**

Dark photons at NA62

Wednesday 27 September 2017 16:00 (30 minutes)

Presenter: KHORIAULI, Gia (Johannes Gutenberg Universitaet Mainz (DE))

Session Classification: Dark photons and Z' bosons

Contribution ID: 17

Type: **not specified**

Chiral effective theory of dark matter direct detection

Wednesday 27 September 2017 17:00 (30 minutes)

Presenter: BISHARA, Fady (University of Oxford)

Session Classification: Dark photons and Z' bosons

Contribution ID: 18

Type: **not specified**

Search for Heavy Neutral Leptons at SHiP

Monday 25 September 2017 16:55 (30 minutes)

Presenter: WURM, Michael (Johannes-Gutenberg-Universitaet Mainz (DE))

Session Classification: Sterile neutrinos

Contribution ID: 19

Type: **not specified**

Direct dark matter searches at LHCb

Wednesday 27 September 2017 14:30 (30 minutes)

Presenter: BORSATO, Martino (Universidade de Santiago de Compostela (ES))

Session Classification: Dark photons and Z' bosons

Contribution ID: 20

Type: **not specified**

Lepton Flavour Violation, Majorana Neutrinos and the B anomalies at LHCb

Thursday 28 September 2017 10:00 (30 minutes)

Presenter: PATEL, Mitesh (Imperial College (GB))

Session Classification: Lepton flavour violation

Contribution ID: 21

Type: **not specified**

Dark Sector Searches at BaBar and Belle II

Wednesday 27 September 2017 11:30 (30 minutes)

Presenter: Dr FERBER, Torben (University Of British Columbia)

Session Classification: Flavoured dark sector

Contribution ID: 23

Type: **not specified**

Light mediators in B decays and links to DM

Tuesday 26 September 2017 11:30 (30 minutes)

Presenter: BISHARA, Fady (University of Oxford)

Session Classification: Axions

Contribution ID: 25

Type: **not specified**

Dark matter in a 2-Higgs-doublet model

Wednesday 27 September 2017 13:30 (30 minutes)

Presenter: QUEIROZ, FARINALDO (Max Planck Institute for Nuclear Physics - Heidelberg)

Session Classification: Dark photons and Z' bosons

Contribution ID: 26

Type: **not specified**

Explanation of the Beryllium anomaly through a dark Z'

Wednesday 27 September 2017 14:00 (30 minutes)

Presenter: DELLE ROSE, Luigi (Rutherford Appleton Lab and University of Southampton)

Session Classification: Dark photons and Z' bosons

Contribution ID: 27

Type: **not specified**

BBQ

Wednesday 27 September 2017 19:00 (3 hours)

Contribution ID: 28

Type: **not specified**

Dark photon search and invisible decays at BES III

Wednesday 27 September 2017 16:30 (30 minutes)

Presenter: WANG, Dayong (Peking University (CN))

Session Classification: Dark photons and Z' bosons

Contribution ID: 29

Type: **not specified**

Dark matter and g-2

Thursday 28 September 2017 12:00 (30 minutes)

Presenter: CALIBBI, Lorenzo

Session Classification: Lepton flavour violation

Contribution ID: 30

Type: **not specified**

Displaced vertices from heavy neutrinos at the LHC

Monday 25 September 2017 17:25 (30 minutes)

Presenter: DELLE ROSE, Luigi (Rutherford Appleton Lab and University of Southampton)

Session Classification: Sterile neutrinos

Contribution ID: 31

Type: **not specified**

B decays with invisibles in the final state

Tuesday 26 September 2017 12:00 (30 minutes)

Presenter: HECK, Martin

Session Classification: Axions

Contribution ID: 32

Type: **not specified**

Bus transfer to KIT

Tuesday 26 September 2017 14:00 (1h 15m)

Session Classification: Excursion

Contribution ID: 33

Type: **not specified**

Check-in at KIT Campus North

Tuesday 26 September 2017 15:15 (15 minutes)

Session Classification: Excursion

Contribution ID: 34

Type: **not specified**

Visit of Tritium Laboratory and KATRIN experiment

Tuesday 26 September 2017 15:30 (2 hours)

Session Classification: Excursion

Contribution ID: 35

Type: **not specified**

Bus transfer to Karlsruhe with optional sightseeing tour

Tuesday 26 September 2017 17:30 (30 minutes)

Session Classification: Excursion