

6th SHiP Collaboration Meeting

Report of Contributions

Contribution ID: 0

Type: **not specified**

Welcome and news

Wednesday 7 October 2015 13:45 (15 minutes)

Presenter: GOLUTVIN, Andrei (Imperial College London)

Session Classification: Detector

Contribution ID: 1

Type: **not specified**

News on physics and sensitivity studies

Wednesday 7 October 2015 14:00 (30 minutes)

Presenter: SERRA, Nicola (Universitaet Zuerich (CH))

Session Classification: Detector

Contribution ID: 2

Type: **not specified**

Progress with tau neutrino detector

Wednesday 7 October 2015 14:30 (5 minutes)

Presenter: DE LELLIS, Giovanni (Universita e INFN, Napoli (IT))

Session Classification: Detector

Contribution ID: 3

Type: **not specified**

Upstream tagger and Timing detector

Wednesday 7 October 2015 15:30 (10 minutes)

Presenter: KORZENEV, Alexander (Universite de Geneve (CH))

Session Classification: Detector

Contribution ID: 4

Type: **not specified**

Plans towards TDR

Wednesday 7 October 2015 16:40 (30 minutes)

Presenter: JACOBSSON, Richard (CERN)

Session Classification: Detector

Contribution ID: 5

Type: **not specified**

CRB meeting

Wednesday 7 October 2015 18:00 (1h 30m)

Session Classification: Detector

Contribution ID: 6

Type: **not specified**

Introduction

Presenter: GOLUTVIN, Andrei (Imperial College London)

Contribution ID: 7

Type: **not specified**

Theory talk

Presenter: TBC

Contribution ID: 8

Type: **not specified**

Hidden sector searches using displaced decays in ATLAS

Thursday 8 October 2015 13:30 (25 minutes)

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

Session Classification: Exploration of Hidden Sector (open session)

Contribution ID: 9

Type: **not specified**

Hidden Sector searches in the CMS experiment

Thursday 8 October 2015 13:55 (25 minutes)

Presenters: SHCHUTSKA, Lesya (University of Florida (US)); TITOV, Maxim (CEA Saclay)

Session Classification: Exploration of Hidden Sector (open session)

Contribution ID: **10**

Type: **not specified**

Searches for heavy neutrinos, long lived particles, etc, at LHCb

Thursday 8 October 2015 14:20 (25 minutes)

Presenter: DETTORI, Francesco (CERN)

Session Classification: Exploration of Hidden Sector (open session)

Contribution ID: **11**

Type: **not specified**

Constraining the Dark Sector at Belle (2)

Thursday 8 October 2015 14:45 (25 minutes)

Presenter: GOLOB, Bostjan

Session Classification: Exploration of Hidden Sector (open session)

Contribution ID: **12**

Type: **not specified**

Results and prospects from NA48 and NA62

Thursday 8 October 2015 16:00 (25 minutes)

Presenter: GOUDZOVSKI, Evgueni (University of Birmingham)

Session Classification: Exploration of Hidden Sector (open session)

Contribution ID: **13**

Type: **not specified**

The Heavy Photon Search experiment at Jefferson Lab

Thursday 8 October 2015 16:25 (25 minutes)

Presenter: GUIDAL, Michel (CNRS)

Session Classification: Exploration of Hidden Sector (open session)

Contribution ID: **14**

Type: **not specified**

P348: search for new physics in missing energy events

Thursday 8 October 2015 16:50 (25 minutes)

Presenter: GNINENKO, Sergei (Russian Academy of Sciences (RU))

Session Classification: Exploration of Hidden Sector (open session)

Contribution ID: 15

Type: **not specified**

Search for dark photon in positron annihilations at Frascati: the PADME proposal

Thursday 8 October 2015 17:15 (25 minutes)

Presenter: KOZHUHAROV, Venelin (University of Sofia (BG))

Session Classification: Exploration of Hidden Sector (open session)

Contribution ID: **16**

Type: **not specified**

SHiP sensitivities for Hidden Sector

Thursday 8 October 2015 17:40 (25 minutes)

Presenter: GRAVERINI, Elena (Universitaet Zuerich (CH))

Session Classification: Exploration of Hidden Sector (open session)

Contribution ID: 17

Type: **not specified**

Report from CRB

Presenter: VAN HERWIJNEN, Eric (CERN)

Contribution ID: **18**

Type: **not specified**

Report from CRB chair

Friday 9 October 2015 09:30 (15 minutes)

Session Classification: Physics

Contribution ID: **19**

Type: **not specified**

Optimisation of the SHiP geometry and muon shield

Friday 9 October 2015 09:45 (30 minutes)

Presenter: DIJKSTRA, Hans (CERN)

Session Classification: Physics

Contribution ID: **20**

Type: **not specified**

Neutrino scattering inside the vacuum vessel

Friday 9 October 2015 10:15 (30 minutes)

Presenter: CHETELAT SOTO, Nathalie Evelyne

Session Classification: Physics

Contribution ID: 21

Type: **not specified**

Electron neutrino as a probe of charm production in the target

Friday 9 October 2015 11:15 (30 minutes)

Presenters: BUONAURA, Annarita; BUONAURA, Annarita (Universita e INFN, Napoli (IT))

Session Classification: Physics

Contribution ID: 22

Type: **not specified**

Sensitivity of SHiP to violations of lepton universality in ν_τ scattering

Friday 9 October 2015 11:55 (30 minutes)

Presenter: HOSSEINI, Behzad (INFN - Cagliari)

Session Classification: Physics

Contribution ID: 23

Type: **not specified**

Conclusion

Friday 9 October 2015 12:25 (10 minutes)

Presenter: GOLUTVIN, Andrei (Imperial College London)

Session Classification: Physics

Contribution ID: **24**

Type: **not specified**

Introduction

Thursday 8 October 2015 11:30 (15 minutes)

Presenter: GOLUTVIN, Andrei (Imperial College London)

Session Classification: Exploration of Hidden Sector (open session)

Contribution ID: 25

Type: **not specified**

HNLs and Dark Matter

Thursday 8 October 2015 11:45 (45 minutes)

Presenter: BOIARSKYI, Oleksii (Leiden University (NL))

Session Classification: Exploration of Hidden Sector (open session)

Contribution ID: 26

Type: **not specified**

Surround background tagger and vacuum vessel

Wednesday 7 October 2015 15:40 (10 minutes)

Presenters: MALININ, Alexander (National Research Centre Kurchatov Institute (RU)); LACKER, Heiko Markus (Humboldt-Universitaet zu Berlin (DE))

Session Classification: Detector

Contribution ID: 27

Type: **not specified**

New ideas on PID

Presenter: CHAUVEAU, Jacques (Centre National de la Recherche Scientifique (FR))

Contribution ID: **28**

Type: **not specified**

HS tracker

Wednesday 7 October 2015 15:50 (10 minutes)

Presenter: FERRO-LUZZI, Massimiliano (CERN)

Session Classification: Detector

Contribution ID: 29

Type: **not specified**

Calorimeter test beam results

Wednesday 7 October 2015 16:00 (20 minutes)

Presenter: KOROLKO, Ivan (ITEP Institute for Theoretical and Experimental Physics (RU))

Session Classification: Detector

Contribution ID: **30**

Type: **not specified**

Muon detector

Wednesday 7 October 2015 16:20 (10 minutes)

Presenter: BALDINI, Wander (Universita di Ferrara & INFN (IT))

Session Classification: Detector

Contribution ID: **31**

Type: **not specified**

Trigger & DAQ

Wednesday 7 October 2015 16:30 (10 minutes)

Presenter: DIJKSTRA, Hans (CERN)

Session Classification: Detector

Contribution ID: 32

Type: **not specified**

Running computations on the SHiP production cluster

Friday 9 October 2015 08:30 (50 minutes)

Presenters: BARANOV, Alexander (Yandex School of Data Analysis (RU)); USTYUZHANIN, Andrey (Yandex School of Data Analysis (RU))

Session Classification: FairSHiP Tutorial

Contribution ID: **33**

Type: **not specified**

Summary of the tutorial

Friday 9 October 2015 09:20 (10 minutes)

Session Classification: FairSHiP Tutorial

Contribution ID: 34

Type: **not specified**

Search for Hidden Sector at BaBar

Thursday 8 October 2015 15:10 (25 minutes)

Presenter: CHAUVEAU, Jacques (Centre National de la Recherche Scientifique (FR))

Session Classification: Exploration of Hidden Sector (open session)

Contribution ID: 35

Type: **not specified**

Tau neutrino detector: SciFi for the Target Tracker

Wednesday 7 October 2015 14:35 (10 minutes)

Presenter: MALININ, Alexander (National Research Centre Kurchatov Institute (RU))

Session Classification: Detector

Contribution ID: **36**

Type: **not specified**

Tau neutrino detector: Report on emulsion test beam

Wednesday 7 October 2015 14:45 (15 minutes)

Presenter: DI CRESCENZO, Antonia (Universita e INFN, Napoli (IT))

Session Classification: Detector

Contribution ID: 37

Type: **not specified**

Introduction

Thursday 8 October 2015 08:30 (10 minutes)

Presenter: RUF, Thomas (CERN)

Session Classification: FairSHiP Tutorial

Contribution ID: **38**

Type: **not specified**

Annarita

Thursday 8 October 2015 10:10 (20 minutes)

Session Classification: FairSHiP Tutorial

Contribution ID: **39**

Type: **not specified**

Elena

Thursday 8 October 2015 08:40 (1h 30m)

Presenter: GRAVERINI, Elena (Universitaet Zuerich (CH))

Session Classification: FairSHiP Tutorial

Contribution ID: 40

Type: **not specified**

Charm production measurement

Friday 9 October 2015 11:45 (10 minutes)

Presenter: DE LELLIS, Giovanni (Universita e INFN, Napoli (IT))

Session Classification: Physics