

**International School "SHiP
(Search for Hidden Particles)
experiment"**

Report of Contributions

Contribution ID: 1

Type: **not specified**

Beta decay and neutrino discovery. Violation of P-symmetry and Fermi theory.

Friday, 3 November 2017 10:45 (1h 30m)

Presenter: GOLOVATIUK, Artem (National Taras Shevchenko University of Kyiv)

Contribution ID: 2

Type: **not specified**

Cross-section of the reactions and unitarity violation in Fermi theory. Comparison with QED

Friday, 3 November 2017 13:30 (55 minutes)

Presenter: SIVOLAP, Vsevolod (Taras Shevchenko National University of Kyiv)

Contribution ID: 3

Type: **not specified**

Properties of the massive vector field. Longitudinal polarization.

Friday, 3 November 2017 14:30 (55 minutes)

Presenter: DROHAN, Vitalii

Contribution ID: 4

Type: **not specified**

Electrodynamics of the W boson. Local gauge invariance and Yang-Mills theory

Friday, 3 November 2017 15:30 (30 minutes)

Presenter: OVCHYNNIKOV, Maksym (National Taras Shevchenko Univ. of Kyiv (UA))

Contribution ID: 5

Type: **not specified**

Yang-Mills theory

Saturday, 4 November 2017 09:00 (1h 30m)

Presenter: OVCHYNNIKOV, Maksym (National Taras Shevchenko Univ. of Kyiv (UA))

Contribution ID: 6

Type: **not specified**

Higgs mechanism and Glashow-Weinberg-Salam Model

Saturday, 4 November 2017 14:00 (2h 30m)

Presenter: BONDARENKO, Kyrylo

Contribution ID: 7

Type: **not specified**

Flavour physics and discrete symmetries in SM

Presenter: GORKAVENKO, Volodymyr

Contribution ID: 8

Type: **not specified**

Cosmic rays as a probe of the new physics

Monday, 6 November 2017 15:30 (2 hours)

Presenter: SEMIKOZ, Dmitri

Contribution ID: 9

Type: **not specified**

Overview of the BSM problems

Monday, 6 November 2017 09:15 (1h 45m)

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

Contribution ID: **10**

Type: **not specified**

Solutions to BSM problems

Monday, 6 November 2017 11:00 (1h 30m)

Presenter: BEZRUKOV, Fedor (CERN & University of Connecticut (US) & RIKEN BNL (US))

Contribution ID: 11

Type: **not specified**

Perturbative QCD

Presenter: MONIN, Alexander (Ecole Polytechnique Federale de Lausanne (CH))

Contribution ID: 12

Type: **not specified**

Seminar

Monday, 6 November 2017 17:30 (1 hour)

Presenter: BONDARENKO, Kyrylo

Contribution ID: 13

Type: **not specified**

Chiral perturbation theory

Tuesday, 7 November 2017 09:00 (2 hours)

Presenter: MONIN, Alexander (Ecole Polytechnique Federale de Lausanne (CH))

Contribution ID: 14

Type: **not specified**

Physics of the neutrino oscillations

Tuesday, 7 November 2017 13:00 (1 hour)

Presenter: RUCHAYSKIY, Oleg (University of Copenhagen (DK))

Contribution ID: 15

Type: **not specified**

SHiP overview

Tuesday, 7 November 2017 15:00 (1 hour)

Presenter: Dr BONIVENTO, Walter Marcello (INFN Cagliari)

Contribution ID: **16**

Type: **not specified**

FairSHiP overview

Tuesday, 7 November 2017 11:00 (1 hour)

Presenters: BEZSHYIKO, Iaroslava (Universitaet Zuerich (CH)); BONDARENKO, Kyrylo

Contribution ID: 17

Type: **not specified**

Jet Quenching in Heavy Ion collisions

Friday, 3 November 2017 16:15 (1h 30m)

Presenter: TYWONIUK, Konrad (CERN)

Contribution ID: **18**

Type: **not specified**

CP symmetry violation in QFT

Thursday, 2 November 2017 17:30 (1h 30m)

Presenter: GORKAVENKO, Volodymyr

Contribution ID: 19

Type: **not specified**

Introduction to Heavy Ion Collisions

Friday, 3 November 2017 09:00 (1h 30m)

Presenter: BRAVINA, Larisa (University of Oslo (NO))

Contribution ID: 20

Type: **not specified**

Symmetry breaking and Goldstone theorem

Saturday, 4 November 2017 10:45 (2 hours)

Presenter: BONDARENKO, Kyrylo

Contribution ID: 21

Type: **not specified**

nuMSM at SHiP

Wednesday, 8 November 2017 09:15 (1h 15m)

Presenter: SHAPOSHNIKOV, Mikhail (EPFL)

Contribution ID: 22

Type: **not specified**

Detector session at SHiP collaboration meeting

Wednesday, 8 November 2017 14:00 (2 hours)

Look at attached file for detailed schedule.

Contribution ID: 23

Type: **not specified**

Computing at SHiP

Thursday, 9 November 2017 08:30 (1h 30m)

Contribution ID: 24

Type: **not specified**

Physics at SHiP

Thursday, 9 November 2017 10:00 (2h 30m)

Contribution ID: 25

Type: **not specified**

Colloquium on Physics Landscape in 10 years

Thursday, 9 November 2017 14:00 (4 hours)

Contribution ID: 26

Type: **not specified**

Physics at SHiP

Friday, 10 November 2017 09:00 (1 hour)

Contribution ID: 27

Type: **not specified**

Parton model

Wednesday, 8 November 2017 11:00 (2 hours)

Presenter: SNIGIREV, Alexandre (M.V. Lomonosov Moscow State University (RU))

Contribution ID: 28

Type: **not specified**

Introduction in the fluctuation and correlations in heavy ion collisions

Friday, 10 November 2017 10:00 (3 hours)

Presenter: ZABRODIN, Evgeny (Universiyu of Oslo)

Contribution ID: 29

Type: **not specified**

Physics of the neutrino oscillations

Tuesday, 7 November 2017 14:00 (1 hour)

Presenter: RUCHAYSKIY, Oleg (University of Copenhagen (DK))

Contribution ID: 30

Type: **not specified**

J/psi physics in Heavy Ion Collisions

Wednesday, 8 November 2017 16:00 (1h 30m)

Presenter: BRAVINA, Larisa (University of Oslo (NO))