

Physics&Computing Russian Institutes meeting

Report of Contributions

Contribution ID: 0

Type: **not specified**

Double Higgs boson production in the Extended Standard Model

Tuesday 22 September 2015 14:00 (40 minutes)

Presenter: VYSOTSKY, Mikhail (ITEP)

Contribution ID: 1

Type: **not specified**

ATLAS Run-1 new results for Higgs boson

Tuesday 22 September 2015 14:40 (20 minutes)

Presenter: TSUKERMAN, Ilia (ITEP Institute for Theoretical and Experimental Physics (RU))

Contribution ID: 2

Type: **not specified**

Monte Carlo for the tensor structure analysis in the Higgs sector.

Tuesday 22 September 2015 15:15 (20 minutes)

Presenter: BELYAEV, Nikita (National Research Nuclear University MEPhI (RU))

Contribution ID: 3

Type: **not specified**

**Как киральные векторные бозоны Z^*/W^* могут
помочь объединению калибровочных констант в
Стандартной модели. Их сигнатура.**

Tuesday 22 September 2015 16:10 (30 minutes)

Presenter: CHIZHOV, Mihail (Joint Inst. for Nuclear Research (RU))

Contribution ID: 4

Type: **not specified**

Search for Quantum Black Holes at 8 and 13 TeV with ATLAS

Tuesday 22 September 2015 16:40 (20 minutes)

Presenter: KARPOV, Sergey (Joint Inst. for Nuclear Research (RU))

Contribution ID: 5

Type: **not specified**

Search for Diboson resonances in semileptonic decay modes in LHC Run 2 with the ATLAS detector.

Tuesday 22 September 2015 17:00 (20 minutes)

Presenter: RYZHOV, Andrey (Institute for High Energy Physics (RU))

Contribution ID: 6

Type: **not specified**

Prompt/non-prompt lepton discrimination study with BDT in the ttH multilepton final states at ATLAS

Tuesday 22 September 2015 15:35 (20 minutes)

Presenter: HUSEYNOV, Nazim (Joint Inst. for Nuclear Research (RU))

Contribution ID: 7

Type: **not specified**

A new jet reconstruction algorithm for identification of boosted W and Z bosons

Tuesday 22 September 2015 17:20 (20 minutes)

Presenter: ZENIN, Oleg (Institute for High Energy Physics (RU))

Contribution ID: 8

Type: **not specified**

Search for intrinsic charm in hard processes at ATLAS: status and perspectives

Tuesday 22 September 2015 11:00 (20 minutes)

Presenter: LYKASOV, Gennady (Joint Inst. for Nuclear Research (RU))

Contribution ID: 9

Type: **not specified**

Studies of B⁺ mass and lifetime performance with 13 TeV pp data: preparations and status

Tuesday 22 September 2015 11:20 (20 minutes)

Presenter: MAEVSKIY, Artem (M.V. Lomonosov Moscow State University (RU))

Contribution ID: **10**

Type: **not specified**

Эффективность триггера при отборе событий полулептонного распада В-мезона

Tuesday 22 September 2015 11:40 (15 minutes)

Presenter: KOMINA, Aleksandra (M.V. Lomonosov Moscow State University (RU))

Contribution ID: **11**

Type: **not specified**

Analisis B plus and B minus yields.

Tuesday 22 September 2015 11:55 (15 minutes)

Presenter: SMOLENKOV, Kirill (M.V. Lomonosov Moscow State University (RU))

Contribution ID: 12

Type: **not specified**

Study of the $B_c^+ \rightarrow J/\psi D_s^+$ and $B_c^+ \rightarrow J/\psi D_s^{*+}$ decays with the ATLAS detector

Tuesday 22 September 2015 12:10 (20 minutes)

Presenter: TURCHIKHIN, Semen (M.V. Lomonosov Moscow State University (RU))

Contribution ID: 13

Type: **not specified**

Search for the pentaquark states in Λ_b^0 decay

Tuesday 22 September 2015 12:30 (20 minutes)

Presenter: LYUBUSHKIN, Vladimir (Joint Inst. for Nuclear Research (RU))

Contribution ID: 14

Type: **not specified**

pPb Multiplicity & TRT performance with different gas mixtures.

Wednesday 23 September 2015 09:20 (20 minutes)

Presenters: ANTONOV, Aleksei (National Research Nuclear University MEPhI (RU)); ANTONOV, Alexei (Moscow Physical Engineering Inst. (MePhI)-Unknown-Unknown)

Contribution ID: 15

Type: **not specified**

ITEP activity in ATLAS Distributing Computing (CsOps)

Wednesday 23 September 2015 09:00 (20 minutes)

Presenter: MAKARYCHEV, Sergey (ITEP Institute for Theoretical and Experimental Physics (RU))

Contribution ID: 16

Type: **not specified**

**"Study of the charge-particles distributions in
pp-interaction at 13 TeV with ATLAS". This results
were approved by ATLAS collaboration**

Wednesday 23 September 2015 09:40 (20 minutes)

Presenter: KOULTCHITSKI, Yuri (Joint Inst. for Nuclear Research (RU))

Contribution ID: 17

Type: **not specified**

Измерение эффективности фотонной идентификации из данных с помощью фотонов от излучательного распада Z бозона в Run2

Wednesday 23 September 2015 11:40 (20 minutes)

Presenter: PROKLOVA, Nadezda (National Research Nuclear University MEPhI (RU))

Contribution ID: **18**

Type: **not specified**

Photon and heavy flavor jet at 8TeV ATLAS: analysis status

Wednesday 23 September 2015 10:20 (20 minutes)

Presenter: DEMICHEV, Mikhail (Joint Inst. for Nuclear Research (RU))

Contribution ID: **19**

Type: **not specified**

Soft selections and form factor measurement with process $Z \rightarrow 4l$

Wednesday 23 September 2015 11:00 (20 minutes)

Presenter: KHARLAMOVA, Tatyana (Budker Institute of Nuclear Physics (RU))

Contribution ID: 20

Type: **not specified**

Z vertex form factor with $Z \rightarrow 2l\gamma$ process

Wednesday 23 September 2015 11:20 (20 minutes)

Presenter: KHARLAMOV, Alexey (Budker Institute of Nuclear Physics (RU))

Contribution ID: 21

Type: **not specified**

**Получение ожидаемых пределов на параметры
трех- и четырехбозонных вершин в процессе
ассоциированного рождения $Z\gamma$ и
 $Z\gamma\mu\mu$ в pp-столкновениях с $\sqrt{s}=8$
ТэВ.**

Wednesday 23 September 2015 12:00 (20 minutes)

Presenter: KUROVA, Anastasia (CERN)

Contribution ID: 22

Type: **not specified**

Physics analysis status in IHEP

Wednesday 23 September 2015 12:30 (10 minutes)

Presenter: MYAGKOV, Alexei (Institute for High Energy Physics (RU))

Contribution ID: **23**

Type: **not specified**

Physics analysis status in JINR

Wednesday 23 September 2015 12:20 (10 minutes)

Presenter: KHRAMOV, Evgeny (Joint Inst. for Nuclear Research (RU))

Contribution ID: 24

Type: **not specified**

Physics analysis status in MEPHI

Wednesday 23 September 2015 12:50 (10 minutes)

Presenter: SMIRNOV, Serge (National Research Nuclear University MEPHI (RU))

Contribution ID: 25

Type: **not specified**

Physics analysis status in PNPI

Wednesday 23 September 2015 12:40 (10 minutes)

Presenter: MALEEV, Victor (B.P. Konstantinov Petersburg Nuclear Physics Institute - PNPI ())

Contribution ID: 26

Type: **not specified**

Physics analysis status in MSU

Wednesday 23 September 2015 13:10 (10 minutes)

Presenter: SMIRNOVA, Lidia (M.V. Lomonosov Moscow State University (RU))

Contribution ID: 27

Type: **not specified**

**Результаты изучения образования J/ψ в
ион-ионных столкновениях при $\sqrt{s_{NN}} = 2.76$
ТэВ.**

Wednesday 23 September 2015 10:00 (20 minutes)

Presenter: SMIRNOV, Nikita (National Research Nuclear University MEPhI (RU))

Contribution ID: 28

Type: **not specified**

Поиск $H \rightarrow WW \rightarrow l\nu l\nu$ в Run 2

Tuesday 22 September 2015 15:00 (15 minutes)

Presenter: GAVRILIUK, Aleksandr (ITEP Institute for Theoretical and Experimental Physics (RU))

Contribution ID: 29

Type: **not specified**

Multi-charged particles search: current status and plans for the 2015 data analysis

Tuesday 22 September 2015 17:40 (20 minutes)

Presenter: SMIRNOV, Yury (National Research Nuclear University MEPhI (RU))

Contribution ID: **30**

Type: **not specified**

Physics analysis status in ITEP

Wednesday 23 September 2015 13:00 (10 minutes)

Presenter: TSUKERMAN, Ilia (ITEP Institute for Theoretical and Experimental Physics (RU))

Contribution ID: **31**

Type: **not specified**

Physics analysis status in BINP

Wednesday 23 September 2015 13:20 (10 minutes)

Presenter: MASLENNIKOV, Alexei (Budker Institute of Nuclear Physics (RU))