

Multi-Boson Interactions Workshop

Report of Contributions

Contribution ID: 0

Type: **not specified**

Welcome

Tuesday, 28 October 2014 08:45 (15 minutes)

Presenters: Dr MA, Hong (BNL); Dr GORDON, Howard (BNL); Dr PLEIER, Marc-André (BNL); Dr DAWSON, Sally (BNL)

Contribution ID: 1

Type: **not specified**

Effective Field Theories for Multi-Boson Interactions

Tuesday, 28 October 2014 09:00 (30 minutes)

Presenter: REUTER, Juergen (DESY)

Session Classification: Theory I

Contribution ID: 2

Type: **not specified**

Operator Basis for Effective Field Theories

Tuesday, 28 October 2014 09:45 (30 minutes)

Presenter: SEKULLA, Marco (University of Siegen)

Session Classification: Theory I

Contribution ID: 3

Type: **not specified**

Simplified Models, Resonances, Unitarization

Tuesday, 28 October 2014 14:00 (30 minutes)

Presenter: KILLIAN, Wolfgang (University of Siegen)

Session Classification: Theory II

Contribution ID: 4

Type: **not specified**

Predictions from New Physics Models for VV Production

Wednesday, 29 October 2014 11:30 (30 minutes)

Presenter: MEADE, Patrick (Stony Brook University)

Session Classification: Theory III

Contribution ID: 5

Type: **not specified**

Recent Diboson Results ATLAS

Tuesday, 28 October 2014 15:45 (30 minutes)

Presenter: WU, Yusheng (University of Michigan)

Session Classification: Experiment II

Contribution ID: 6

Type: **not specified**

Recent Diboson Results CMS

Tuesday, 28 October 2014 16:30 (30 minutes)

Presenter: CHANON, Nicolas (ETH Zürich)

Session Classification: Experiment II

Contribution ID: 7

Type: **not specified**

Triboson Results CMS

Tuesday, 28 October 2014 10:45 (30 minutes)

Presenter: FAULKNER, James (Texas Tech University)

Session Classification: Experiment I

Contribution ID: 8

Type: **not specified**

Triboson Results ATLAS

Tuesday, 28 October 2014 11:30 (30 minutes)

Presenter: Mr NGUYEN, Duong (Argonne National Laboratory)

Session Classification: Experiment I

Contribution ID: 9

Type: **not specified**

Diboson Results from the Tevatron

Tuesday, 28 October 2014 17:15 (30 minutes)

Presenter: PARKER, William (U Wisconsin)

Session Classification: Experiment II

Contribution ID: **10**

Type: **not specified**

VBF-V Results ATLAS

Wednesday, 29 October 2014 09:00 (30 minutes)

Presenter: PILKINGTON, Andrew Denis (University College London)

Session Classification: Experiment III

Contribution ID: **11**

Type: **not specified**

VBF-V Results CMS

Wednesday, 29 October 2014 09:45 (30 minutes)

Presenter: WEN, Yiwen (Peking University)

Session Classification: Experiment III

Contribution ID: 12

Type: **not specified**

VBS-VV Results CMS

Wednesday, 29 October 2014 14:00 (30 minutes)

Presenter: LOPES DE SA, Rafael (FNAL)

Session Classification: Experiment IV

Contribution ID: 13

Type: **not specified**

VBS-VV Results ATLAS

Wednesday, 29 October 2014 14:45 (30 minutes)

Presenter: LIU, Lulu (University of Michigan)

Session Classification: Experiment IV

Contribution ID: 14

Type: **not specified**

Overview of Precision Predictions for VV Production

Tuesday, 28 October 2014 14:45 (30 minutes)

Presenter: LEWIS, Ian (BNL)

Session Classification: Theory II

Contribution ID: 15

Type: **not specified**

Precision Predictions for VV Scattering

Wednesday, 29 October 2014 10:45 (30 minutes)

Presenter: KARLBERG, Alexander (Oxford)

Session Classification: Theory III

Contribution ID: 16

Type: **not specified**

NNLO Results for VV Production

Wednesday, 29 October 2014 16:00 (30 minutes)

Presenter: KALLWEIT, Stefan (UZH)

Session Classification: Theory IV

Contribution ID: 17

Type: **not specified**

Resummation for VV Production

Wednesday, 29 October 2014 16:45 (30 minutes)

Presenter: JAISWAL, Prerit (Florida State University)

Session Classification: Theory IV

Contribution ID: **18**

Type: **not specified**

Multi-boson Production and Electroweak Effects at Future Colliders

Thursday, 30 October 2014 09:00 (30 minutes)

Presenter: TWEEDIE, Brock (University of Pittsburgh)

Session Classification: Theory V

Contribution ID: 19

Type: **not specified**

Multi-Boson Production and Higgs Width Measurements

Thursday, 30 October 2014 09:45 (30 minutes)

Presenter: ELLIS, Keith (FNAL)

Session Classification: Theory V

Contribution ID: 20

Type: **not specified**

Higgs Anomalous Couplings and the Connection to VV Production(Theory)

Presenter: Dr DAWSON, Sally (BNL)

Contribution ID: 21

Type: **not specified**

Higgs anomalous couplings (Experiment)

Presenter: TBA

Contribution ID: 22

Type: **not specified**

HL-LHC Sensitivity Studies

Thursday, 30 October 2014 10:45 (30 minutes)

Presenter: Dr METCALFE, Jessica (BNL)

Session Classification: Experiment V

Contribution ID: 23

Type: **not specified**

ILC Sensitivity Studies

Thursday, 30 October 2014 11:30 (30 minutes)

Presenter: VAN KOOTEN, Rick (Indiana U)

Session Classification: Experiment V

Contribution ID: 24

Type: **not specified**

Talk 1

Contribution ID: 25

Type: **not specified**

Talk 2

Contribution ID: 26

Type: **not specified**

Measurement of Wγγ production in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector

Presenter: LIU, Miaoyuan (Duke University)

Contribution ID: 27

Type: **not specified**

Measurement of diboson production in the $l\nu; jj$ final state at 7 TeV with the ATLAS detector

Thursday, 30 October 2014 14:00 (15 minutes)

Presenter: LINDQUIST, Brian (SBU)

Session Classification: Theory/Experiment

Contribution ID: 28

Type: **not specified**

Concluding Vision

Thursday, 30 October 2014 14:20 (30 minutes)

Presenter: Dr DAWSON, Sally (BNL)

Session Classification: Theory/Experiment