

Multi-Boson Interactions 2019



Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome (Vice Rector of AUTH Prof. Th. Laopoulos) - Introduction

Monday, 26 August 2019 09:00 (10 minutes)

Contribution ID: 2

Type: **not specified**

Status of NLO EW in VBS

Monday, 26 August 2019 10:40 (45 minutes)

Status of NLO EW with emphasis on WZ scattering

Presenter: SCHWAN, Christopher

Contribution ID: 3

Type: **not specified**

Status of NNLO QCD in dibosons and availability in Generators

Monday, 26 August 2019 11:25 (45 minutes)

Presenter: WIESEMANN, Marius (Max-Planck-Institut für Physik (DE))

Contribution ID: 4

Type: **not specified**

Precision Measurements of Diboson Differential and Total cross sections from CMS

Monday, 26 August 2019 09:10 (30 minutes)

Presenter: CALDERON TAZON, Alicia (Universidad de Cantabria and CSIC (ES))

Contribution ID: 5

Type: **not specified**

Measurements of Gauge boson Polarization in diboson production

Monday, 26 August 2019 14:00 (45 minutes)

Presenter: GOY, Corinne (Centre National de la Recherche Scientifique (FR))

Contribution ID: 6

Type: **not specified**

Polarization in VBS

Monday, 26 August 2019 14:45 (45 minutes)

Presenter: PELLICCIOLI, Giovanni (University of Torino)

Contribution ID: 7

Type: **not specified**

Off-shell NNLO QCD/NLO EWK in Dibosons

Monday, 26 August 2019 16:00 (45 minutes)

Presenter: LINDERT, Jonas (University of Durham (GB))

Contribution ID: 8

Type: **not specified**

EFTs at NLO

Monday, 26 August 2019 16:45 (45 minutes)

Presenter: ZHANG, Cen (Institute of High Energy Physics, Chinese Academy Sciences)

Contribution ID: 9

Type: **not specified**

The EFT interpretation in WZ production with D6 and D8 operators

Monday, 26 August 2019 17:30 (30 minutes)

Presenter: SAMPSONIDOU, Despoina (Aristotle University of Thessaloniki (GR))

Contribution ID: **10**

Type: **not specified**

EFT Validity and Unitarity for Tri/Multi-Boson Signatures

Tuesday, 27 August 2019 09:00 (45 minutes)

Presenter: Dr LOPEZ DELGADO, Rafael (Technische Universität München)

Contribution ID: **11**

Type: **not specified**

Measurement of Triboson Production and aQGCs in ATLAS

Tuesday, 27 August 2019 16:45 (30 minutes)

Presenter: SCIANDRA, Andrea (University of California,Santa Cruz (US))

Contribution ID: 12

Type: **not specified**

Soft QCD Effects in VBF/VBS

Tuesday, 27 August 2019 11:00 (45 minutes)

Presenter: PLATZER, Simon (University of Vienna (AT))

Contribution ID: 13

Type: **not specified**

Measurement of VBF production (Review of ATLAS & CMS results)

Tuesday, 27 August 2019 11:45 (45 minutes)

Presenter: GILLBERG, Dag (CERN)

Contribution ID: 14

Type: **not specified**

Event-dependent Jet vetoes

Tuesday, 27 August 2019 14:15 (45 minutes)

Presenter: RUIZ, Richard (Universite Catholique de Louvain)

Contribution ID: 15

Type: **not specified**

Measurement of Diboson Production in Semileptonic Decay Modes and Anomalous Couplings (Review of ATLAS & CMS results)

Tuesday, 27 August 2019 09:45 (45 minutes)

Presenter: AGGLETON, Robin Cameron (Hamburg University (DE))

Contribution ID: 16

Type: **not specified**

EWK Diboson Production and aQGCs of Massive Vector Bosons (Review of ATLAS & CMS results)

Tuesday, 27 August 2019 15:00 (45 minutes)

Presenter: LEVIN, Andrew Michael (Peking University (CN))

Contribution ID: 17

Type: **not specified**

**Free slot for young PhD (e..g. EFTs for ZZ VBS) or
New results (ATLAS/CMS)**

Contribution ID: **18**

Type: **not specified**

Positivity constraints for SMEFT operator coefficients

Tuesday, 27 August 2019 17:15 (30 minutes)

Presenter: ZHANG, Cen (Institute of High Energy Physics, Chinese Academy Sciences)

Contribution ID: **19**

Type: **not specified**

BSM models and EFTs

Wednesday, 28 August 2019 09:45 (45 minutes)

Presenter: Dr MONTULL, Marc (DESY)

Contribution ID: 20

Type: **not specified**

New Physics results in Diboson Final States from the ATLAS & CMS experiments

Wednesday, 28 August 2019 11:00 (30 minutes)

Presenter: AGAPITOS, Antonis (Peking University (CN))

Contribution ID: 21

Type: **not specified**

Anomalous Couplings in Diboson Final States

Wednesday, 28 August 2019 12:00 (30 minutes)

Presenter: MILDNER, Hannes (University of Sheffield (GB))

Contribution ID: 22

Type: **not specified**

Associated production of heavy bosons, VH, HH and other states with Higgs (Review of ATLAS & CMS results)

Wednesday, 28 August 2019 15:00 (45 minutes)

Presenter: COOPERSTEIN, Stephane Brunet (Univ. of California San Diego (US))

Contribution ID: 23

Type: **not specified**

Free slot for New results (ATLAS / CMS)

Contribution ID: 25

Type: **not specified**

Summary Talk

Wednesday, 28 August 2019 16:15 (45 minutes)

Presenter: Dr DEDES, Athanasios (University of Ioannina)

Contribution ID: 26

Type: **not specified**

Precision Measurements of Diboson Differential and Total cross sections from ATLAS

Monday, 26 August 2019 09:40 (30 minutes)

Presenter: LANG, Valerie (Deutsches Elektronen-Synchrotron (DE))

Contribution ID: 27

Type: **not specified**

Measurement of Triboson Production and aQGCs in CMS

Tuesday, 27 August 2019 16:15 (30 minutes)

Presenter: LIU, Miaoyuan (Fermi National Accelerator Lab. (US))

Contribution ID: 28

Type: **not specified**

Diboson production involving photons and aQGCs (Review of ATLAS & CMS results)

Wednesday, 28 August 2019 09:00 (45 minutes)

Presenter: LORENZO MARTINEZ, Narei (Centre National de la Recherche Scientifique (FR))

Contribution ID: 29

Type: **not specified**

High-pT tails in VH/VV for TGCs

Wednesday, 28 August 2019 11:30 (30 minutes)

Presenter: GUPTA, Sandeepan (Universitat Autònoma de Barcelona (ES))

Contribution ID: **30**

Type: **not specified**

Polarization fraction studies in ssWW scattering using Deep Learning techniques

Wednesday, 28 August 2019 14:30 (30 minutes)

Presenter: LU, Meng (Peking University (CN))