

Multi-Boson Interactions Workshop at the University of Michigan



Report of Contributions

Contribution ID: 1

Type: **not specified**

Introduction

Tuesday, August 28, 2018 9:00 AM (10 minutes)

Presenters: PIERCE, Aaron (University of Michigan); ZHU, Junjie (University of Michigan (US))

Contribution ID: 2

Type: **not specified**

Status of NLO/NNLO QCD calculations for multi-boson processes

Tuesday, August 28, 2018 9:10 AM (45 minutes)

Presenter: BOUGHEZAL, Radja (Argonne National Laboratory)

Contribution ID: 3

Type: **not specified**

Electroweak corrections in VBS and multi-boson and VBScan MC comparison

Tuesday, August 28, 2018 9:55 AM (45 minutes)

Presenter: ZARO, Marco (Nikhef National institute for subatomic physics (NL))

Contribution ID: 4

Type: **not specified**

Results for charged diboson channels (including aTGCs)

Tuesday, August 28, 2018 11:10 AM (45 minutes)

Presenter: BHATTACHARYA, Saptaparna (Northwestern University (US))

Contribution ID: 5

Type: **not specified**

Coffee break

Tuesday, August 28, 2018 10:40 AM (30 minutes)

Contribution ID: 6

Type: **not specified**

Results for neutral diboson channels (including aTGCs)

Tuesday, August 28, 2018 2:00 PM (45 minutes)

Presenter: LI, Bing (University of Michigan (US))

Contribution ID: 7

Type: **not specified**

EFT in di(multi-)bosons

Tuesday, August 28, 2018 3:45 PM (45 minutes)

Presenter: WULZER, Andrea (CERN)

Contribution ID: **8**

Type: **not specified**

Status of Sherpa event generator

Tuesday, August 28, 2018 4:30 PM (25 minutes)

Presenter: HOECHE, Stefan (SLAC)

Contribution ID: 9

Type: **not specified**

Coffee break

Tuesday, August 28, 2018 3:15 PM (30 minutes)

Contribution ID: **10**

Type: **not specified**

Status of MadGraph5 event generator

Wednesday, August 29, 2018 5:50 PM (25 minutes)

Presenter: Dr SHIVAJI, Ambresh (UCL, Louvain-la-Neuve)

Contribution ID: 11

Type: **not specified**

Status of WHIZARD event generator

Tuesday, August 28, 2018 4:55 PM (25 minutes)

Presenter: REUTER, Jürgen (DESY Hamburg, Germany)

Contribution ID: 12

Type: **not specified**

Precision measurement with diboson at the LHC

Tuesday, August 28, 2018 2:45 PM (30 minutes)

Presenter: LIU, Da (Argonne National Laboratory)

Contribution ID: 13

Type: **not specified**

Dimensional-8 operators, EFT validity and unitarization

Wednesday, August 29, 2018 9:00 AM (45 minutes)

Presenter: REUTER, Jürgen (DESY Hamburg, Germany)

Contribution ID: 14

Type: **not specified**

Results on VBS-VV production for charged diboson channels (including aQGCs)

Wednesday, August 29, 2018 11:00 AM (45 minutes)

Presenter: YATSENKO, Elena (Shanghai Jiao Tong University (CN) & Tsung-Dao Lee Institute (CN))

Contribution ID: 15

Type: **not specified**

Coffee break

Wednesday, August 29, 2018 10:30 AM (30 minutes)

Contribution ID: 16

Type: **not specified**

Results on VBS-VV production for neutral diboson channels (including aQGCs)

Wednesday, August 29, 2018 11:45 AM (45 minutes)

Presenter: LONG, Kenneth (University of Wisconsin Madison (US))

Contribution ID: 17

Type: **not specified**

Results on triboson proudction (including aQGCs)

Wednesday, August 29, 2018 9:45 AM (45 minutes)

Presenter: LI, Shu (Tsung-Dao Lee Institute (CN) & Shanghai Jiao Tong Univ. (CN))

Contribution ID: **18**

Type: **not specified**

Generalized tri-boson signals from a warped extra dimension

Wednesday, August 29, 2018 2:00 PM (45 minutes)

Presenter: AGASHE, Kaustubh (University of Maryland)

Contribution ID: **19**

Type: **not specified**

BSM relevant for multi-boson physics

Wednesday, August 29, 2018 2:45 PM (45 minutes)

Presenter: LEWIS, Ian (The University of Kansas)

Contribution ID: **20**

Type: **not specified**

Coffee break

Wednesday, August 29, 2018 3:30 PM (30 minutes)

Contribution ID: 21

Type: **not specified**

Search for aQGCs in combinations of multi-boson interactions

Wednesday, August 29, 2018 4:00 PM (20 minutes)

Presenter: METCALFE, Jessica (Argonne National Laboratory (US))

Contribution ID: 22

Type: **not specified**

New physics results (non-boosted signatures) from the LHC

Wednesday, August 29, 2018 4:20 PM (45 minutes)

Presenter: NOBE, Takuya (University of Tokyo (JP))

Contribution ID: 23

Type: **not specified**

New physics results (boosted signatures) from the LHC

Wednesday, August 29, 2018 5:05 PM (45 minutes)

Presenter: DAMGOV, Jordan (Texas Tech University (US))

Contribution ID: 24

Type: **not specified**

Connection to Higgs EFT

Thursday, August 30, 2018 9:00 AM (45 minutes)

Presenter: GONÇALVES, Dorival (University of Pittsburgh)

Contribution ID: 25

Type: **not specified**

Results on VBF-V and VBF-H production (including aTGCs) from the LHC

Thursday, August 30, 2018 9:45 AM (45 minutes)

Presenter: LAMMERS, Sabine Wedam (Indiana University (US))

Contribution ID: 26

Type: **not specified**

Coffee break

Thursday, August 30, 2018 10:30 AM (30 minutes)

Contribution ID: 27

Type: **not specified**

Results on VH and HH production (including aTGCs) from the LHC

Thursday, August 30, 2018 11:00 AM (45 minutes)

Presenter: KROHN, Michael David (University of Minnesota (US))

Contribution ID: 28

Type: **not specified**

H->VV differential measurement

Thursday, August 30, 2018 11:45 AM (45 minutes)

Presenter: YANG, Haijun (Shanghai Jiao Tong University (CN))

Contribution ID: 29

Type: **not specified**

Future colliders

Thursday, August 30, 2018 2:45 PM (45 minutes)

Presenter: ROLOFF, Philipp (CERN)

Contribution ID: **30**

Type: **not specified**

Prospects for multi-boson physics at future colliders

Thursday, August 30, 2018 2:00 PM (45 minutes)

Presenter: HAN, Tao (University of Pittsburgh)

Contribution ID: **31**

Type: **not specified**

Conference summary

Thursday, August 30, 2018 3:50 PM (45 minutes)

Presenter: CHIVUKULA, R. Sekhar (Michigan State University)

Contribution ID: **32**

Type: **not specified**

Coffee break

Thursday, August 30, 2018 3:30 PM (20 minutes)

Contribution ID: **33**

Type: **not specified**

Welcome reception (337 West Hall)

Tuesday, August 28, 2018 6:00 PM (2 hours)

Contribution ID: 34

Type: **not specified**

Precision measurement with Di-boson at the LHC

Presenter: Dr LIU, Da (Argonne National Laboratory)

Contribution ID: 35

Type: **not specified**

Workshop dinner (341 S Main St, Ann Arbor)

Wednesday, August 29, 2018 7:00 PM (2 hours)

Real Seafood Company at Ann Arbor:
341 S Main St, Ann Arbor, MI 48104