



# Multi-Boson Interactions 2017

## Monday, 28 August 2017

### MBI: Welcome - Lehmann lecture theatre (09:30 - 10:30)

-Conveners: Dieter Zeppenfeld

time	[id] title	presenter
09:30	[4] Welcome	LOCAL ORGANIZERS
09:45	[12] EFT in multi(di-)boson	WULZER, Andrea

### MBI - Lehmann lecture theatre (11:00 - 12:30)

-Conveners: Marc-Andre Pleier

time	[id] title	presenter
11:00	[17] Results and Prospects for Charged Diboson Channels (including aTGCs) from the LHC: WW, WZ, W $\gamma$	LEE, Claire
11:45	[25] Results and Prospects in VV Production involving Neutral Dibosons (including aTGCs): ZZ, Z $\gamma$	GOMBER, Bhawna

### MBI - Lehmann lecture theatre (14:00 - 15:30)

-Conveners: Steffen Schumann

time	[id] title	presenter
14:00	[10] Status of QCD NLO/NNLO for multi-boson processes	GRAZZINI, Massimiliano
14:45	[19] New dynamics in the electroweak sector	POMAROL CLOTET, Alex

### MBI - Lehmann lecture theatre (16:00 - 17:15)

-Conveners: Jürgen Reuter

time	[id] title	presenter
16:00	[28] Monte-Carlo simulation of the strongly interacting Electroweak Chiral Lagrangian	DELGADO, Rafael
16:30	[20] Future Colliders	ROLOFF, Philipp

## Tuesday, 29 August 2017

### **MBI - Lehmann lecture theatre (09:00 - 10:30)**

-Conveners: Alex Pomarol Clotet

time	[id] title	presenter
09:00	[8] EFT, unitarization and the Whizard connection	KILIAN, Wolfgang
09:45	[24] Results on VBS-VV Production for Neutral Diboson Channels (including aQGCs) from the LHC: ZZ, Zy	LORENZO MARTINEZ, Narei

### **MBI - Lehmann lecture theatre (11:00 - 12:30)**

-Conveners: Massimiliano Grazzini

time	[id] title	presenter
11:00	[13] New Developments for VBF/VBS in VBFNLO and Herwig	RAUCH, Michael
11:45	[15] Results and Prospects in VBS-VV Production in Charged Diboson Channels (including aQGCs): WW, WZ, Wy	NAIMUDDIN, Md

### **MBI - Lehmann lecture theatre (14:00 - 15:30)**

-Conveners: Claire Lee

time	[id] title	presenter
14:00	[9] Status of EW NLO corrections for multi-boson processes	PELLEN, Mathieu
14:45	[21] BSM physics relevant to multi-boson production	RIVA, Francesco

### **MBI - Lehmann lecture theatre (16:00 - 17:30)**

-Conveners: Gunter Quast

time	[id] title	presenter
16:00	[18] New Physics Results (boosted signatures) from the LHC	XI, Zhaoxu
16:45	[26] New Physics Results in Multiboson physics from the LHC	MOZER, Matthias Ulrich

# Wednesday, 30 August 2017

## **MBI - Lehmann lecture theatre (09:00 - 10:30)**

-Conveners: **Matthias Ulrich Mozer**

time	[id] title	presenter
09:00	[11] EW & QCD corrections with Sherpa	SCHUMANN, Steffen
09:45	[16] Results on Triboson Production (including aQGCs) from the LHC	HELARY, Louis

## **MBI - Lehmann lecture theatre (11:00 - 12:30)**

-Conveners: **Wolfgang Kilian**

time	[id] title	presenter
11:00	[22] Effective field theories and implementation in MadGraph	MIMASU, Ken
11:45	[27] H->VV decays and Higgs Measurements	BRUN, Hugues Louis

## **MBI - Lehmann lecture theatre (14:00 - 16:00)**

-Conveners: **Matthew Herndon**

time	[id] title	presenter
14:00	[30] The Gauge-Higgs Legacy of the LHC Run I	BUTTER, Anja
14:30	[23] VBF H, VH and HH Results from the LHC	VANLAER, Pascal
15:15	[31] Summary	ZEPPENFELD, Dieter
15:55	[34] Farewell	LOCAL ORGANIZERS