

Session Program

22-25 Aug 2022



Multi-Boson Interactions 2022

Session

Sheraton Shanghai Jiading Hotel, Function Room 11, 3F

上海嘉定喜来登酒店 地址 上海菊 翔新区嘉唐公路66号 +86-21-39929999 Sheraton Shanghai Jiading
Hotel Address: No.66 Jiatang Road, Juyuan New Area, Jiading, Shanghai China Phone: +86-21-39929999

Monday 22 August

08:00

Session: Session-1

Session |

Location: Sheraton Shanghai Jiading Hotel, Function Room 11, 3F, 上海嘉定喜来登酒店 地址 上海菊 翔新区嘉唐公路66号
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Convener: Prof. Ashutosh Kotwal

08:00-08:45

QCD V and multi-V production (ATLAS & CMS)

Speaker

He He

08:45-09:15

ZZ VBS at ATLAS (short talk)

Speaker

Mingyi Liu

09:15-09:45

ZZ measurements at ATLAS (short talk)

Speaker

Xiaotian Liu

09:45

21:00

Session: Session-3

Session |

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Convener: Prof. Juergen Reuter

21:00-21:45

Alternative Models of EWSB for (Multi)-Electroweak Bosons

Speaker

Matthew Philip Mccullough

21:45-22:30

Polarization modelling in MBI processes

Speaker

Rene Poncelet

22:30

Tuesday 23 August

14:00

Session: Session-4

Session |

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Convener: Prof. Jonathan Butterworth

14:00-14:45 **NNLO/N3LO Matching to PS**

Speaker

Prof. Peter Skands

14:45-15:30 **EFT (global) analysis of dibosons**

Speaker

Prof. Jiayin Gu

15:30-16:15 **Multi-boson production involving Higgs (ATLAS & CMS)**

Speaker

Prof. Lailin Xu

16:15

19:00

Session: Session-6

Session |

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Convener: Prof. Meng Xiao

19:00-19:45 **EWK V and multi-V production (ATLAS & CMS)**

Speaker

Prof. Bing Li

19:45-20:45 **NLO EW Overview for Multi-bosons and VBS at LHCb**

Speaker

Dr Mathieu Pellen

20:45

Wednesday 24 August

14:00

Session: Session-8

Session |

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Convener: Prof. Li Yuan

14:00-14:45

ALPs in VBS

Speakers

Ilaria Brivio, Ilaria Brivio

14:45-15:30

New multiboson results from CMS

Speaker

Dr Andrew Michael Levin

15:30

20:00

Session: Session-10

Session |

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Convener: Dr Jonas Lindert

20:00-20:45

EW Showers

Speaker

Keping Xie

20:45-21:30

Automation of EW Sudakov logarithms

Speaker

Davide Pagani

21:30

Thursday 25 August

14:00

Session: Session-12

Session |

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Convener: Prof. Lei Zhang

14:00-14:30

Higgs self-coupling constraint with HH+H combination at ATLAS (short talk)**Speaker**

Prof. Yanping Huang

14:30-15:00

BSM searches with Higgs precision measurements (short talk)**Speaker**

Prof. Wei Su

15:00-15:45

ATLAS diboson polarization studies**Speaker**

Luka Selem

15:45