

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

10:00

Session: Session-2

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. Chris Meyer

10:00-10:30

Measurement of H->WW Process at ATLAS (short talk)

Speaker

Dr Dongshuo Du

10:30-11:00

Implications of Parton Distributions for W-boson production and searches of New Physics (short talk)

Speaker

Prof. Jun Gao

11:00-11:45

N3LO QCD for single bosons (+more)

Speakers

Dr Bernhard Mistlberger, Dr Bernhard Mistlberger

11:45

Tuesday 23 August

16:30

Session: Session-5

Session |

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Convener: Dr Despoina Sampsonidou

16:30-17:15 **VBS in SMEFT vs. HEFT**

Speakers

Raquel Gomez Ambrosio, Dr Raquel Gomez Ambrosio

17:15-18:00 **Learning from Radiation at Very High Energies**

Speakers

Andrea Wulzer, Andrea Wulzer, Andrea Wulzer, andrea wulzer

18:00

21:00

Session: Session-7

Session |

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Convener: Dr Alessandro Tricoli

21:00-21:30

A detailed map of Higgs boson interactions by the ATLAS experiment ten years after the discovery (Short Talk)

Speaker

Dr Changqiao Li

21:30-22:15

Searches for NP and EFT limits in multi-boson final states (CMS + ATLAS)

Speaker

Dr Andrew Gilbert

22:15

Wednesday 24 August

15:45

Session: Session-9

Session |

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Convener: Prof. Kristin Lohwasser

15:45-16:15

Z γ VBS measurements with CMS full Run2 (short talk)

Speaker

Dr Ying An

16:15-16:45

Z γ VBS measurements with ATLAS full Run2 (short talk)

Speaker

Qibin Liu

16:45-17:15

Z γ +jets differential measurements, Polarization and EFT with ATLAS full Run2 (short talk)

Speaker

Danning Liu

17:15-17:45

Probing Neutral Triple Gauge Couplings at the LHC and Future Colliders (short talk)

Speaker

Dr Rui-Qing Xiao

17:45

21:45

Session: Session-11

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Convener: Prof. Shih-Chieh Hsu

21:45-22:15

Probing Majorana neutrinos and the Weinberg operator in the same-charge dimuon channel through vector boson fusion processes at CMS

Speaker

Jie Xiao

22:15-22:45

VBS W γ and WW γ results/prospects at CMS

Speaker

Jing Peng

22:45

Thursday 25 August

16:00

Session: Session-13

Session |

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Convener: Prof. Huaqiao Zhang

16:00-16:30

Probe the electroweak symmetry breaking at the LHC with Higgs and gauge bosons (short talk)

Speaker

Dr Bin Yan

16:30-17:00

Study of VBF Higgs via di-photon decay at ATLAS (short talk)

Speaker

Prof. Yaquan Fang

17:00-17:30

Observation of $\gamma\gamma \rightarrow \tau\tau$ in ultraperipheral lead-lead collisions and constraints on τ g-2 with the ATLAS detector (short talk)

Speaker

Prof. Haifeng Li

17:30