

Session Program

Jun 9 - 13, 2025



WIN 25

Electroweak

University of Sussex, Jubilee Building
Falmer, Brighton BN1 9SN

Tue, June 10

11:00 AM

Electroweak: Higgs - Experiment

Session | Location: Jubilee 115 | Convener: Josh McFayden

11:00 - 11:18 AM **Measurements of Higgs-fermion interactions at ATLAS+CMS**

Speaker

Nicolò Lai

11:18 - 11:36 AM **Higgs CP properties and EFT measurements from ATLAS+CMS**

Speaker

Yun-Ju Lu

11:36 - 11:54 AM

HH searches and Higgs-self couplings measurements by ATLAS+CMS

Speaker

Federico Montekali

11:54 AM - 12:12 PM **Higgs Differential and STXS cross-sections at ATLAS+CMS**

Speaker

Alessandra Cappati

12:12 - 12:30 PM

Measurements of Higgs boson properties from diboson final states in CMS

Speaker

Attilio Santocchia

12:30 PM

1:30 PM

Electroweak: Theory

Session | Location: Jubilee 115 | Convener: Gudrun Hiller

1:30 - 1:48 PM **Logarithmic EW corrections at one-loop**

Speaker

Jonas Lindert

1:56 - 2:14 PM

BSM Multi-Higgs: Collider Phenomenology and Electroweak Phase Transitions

Speaker

Wrishik Naskar

2:20 - 2:38 PM **SMEFT with Higgs Field Curvature**

Speaker

Nicholas Manton

3:00 PM

Wed, June 11

11:00 AM

Electroweak: Searches I

Session | Location: Jubilee 115 | Convener: Jonas Lindert

11:00 - 11:18 AM **Searches for BSM Physics with NOvA**

Speaker

Tyler Horoho

11:22 - 11:40 AM

Searches for physics beyond the Standard Model with the MicroBooNE experiment

Speaker

Vincent Basque

11:44 AM - 12:02 PM **Searches for low mass BSM physics at ATLAS**

Speaker

Nadav Michael Tamir

12:06 - 12:24 PM **Searches for high mass BSM physics at ATLAS+CMS**

Speaker

Anna Kaczmarska

12:30 PM

Thu, June 12

11:00 AM

Electroweak: Searches II

Session | Location: Jubilee 115 | Convener: Kate Shaw

11:00 - 11:18 AM **Search for New Resonances with ATLAS+CMS**

Speaker

Jeongeun Lee

11:18 - 11:36 AM

Search for HNLs, vector like quarks and vector like leptons in ATLAS+CMS

Speaker

John Leslie Almond

11:36 - 11:54 AM

Searches for Dark Matter with the ATLAS and CMS Experiments at the LHC

Speaker

Hassane Hamdaoui

11:54 AM - 12:12 PM **Searches for supersymmetric particles with ATLAS+CMS**

Speaker

Zubair Bhatti

12:12 - 12:30 PM

Measurements and boson polarization studies with VBS processes in ATLAS

Speaker

Francesco Conventi

12:30 PM

3:30 PM

Electroweak: Precision and Top

Session | Location: Jubilee 115 | Convener: Fabrice Balli

3:30 - 3:48 PM **Multiboson production in ATLAS+CMS**

Speaker

Giovanni Battista Marozzo

3:48 - 4:06 PM

Differential inclusive single W/Z measurements sensitive to PDFs, EFT in ATLAS+CMS

Speaker

Zihan Zhao

4:06 - 4:24 PM **Results from global EFT fits from ATLAS+CMS**

Speaker

Andrew Michael Levin

4:24 - 4:42 PM

Results on top quark mass, properties and cross section with ATLAS+CMS

Speaker

Markus Cristinziani

4:42 - 5:00 PM

Associated top quark production including EFT interpretations with ATLAS+CMS

Speaker

Miguel Obeso Menendez

5:00 PM