

Session Program

7-10 Apr 2025

Standard Model at the LHC 2025

ESR

Durham, Appleby W103

Monday 7 April

10:40

ESR

Session | **Location:** Durham, Appleby W103

10:40–11:00

Measurements of Higgs boson associate production with a leptonically decaying vector boson in the H to bb/cc decay channel within the ATLAS detector

Speaker

Gabriele D'Anniballe

11:00

16:35

ESR

Session | **Location:** Durham, Appleby W103

16:35–16:55

VBS measurement in semileptonic final states with ATLAS Run-2 data

Speaker

Mathieu Markovitch

16:55–17:15

Loop Integrals Numerical Evaluation with LINE

Speaker

Renato Maria Prisco

17:15

Tuesday 8 April

12:00

ESR
Session | Location: Durham, Appleby W103

12:00-12:20

Overview of ATLAS Forward Proton Detectors: Status, Performance and Physics Results

Speaker

Sergio Javier Arbiol Val

12:20-12:40

Exploring Surprising Non-Perturbative Effects in Drell-Yan plus Jets

Speaker

Maximilian Horzela

12:40

16:35

ESR
Session | Location: Durham, Appleby W103

16:35-16:55

Second Order Corrections to Diphoton Transverse Momentum Distribution at the LHC

Speaker

Weijie Feng

16:55-17:15

Compact Two-Loop QCD Corrections for V_{jj} Production in Proton Collisions

Speaker

Giuseppe De Laurentis

17:15

Wednesday 9 April

10:40

ESR

Session | **Location:** Durham, Appleby W103

10:40–11:00

Top-induced NLO electroweak corrections to di-Higgs boson production

Speaker

Dr Arunima Bhattacharya

11:00

15:15

ESR

Session | **Location:** Durham, Appleby W103

15:15–15:35

Three-Loop master integrals for the production of two off-shell vector bosons with different masses

Speaker

Mattia Pozzoli

15:35

Thursday 10 April

10:30

ESR

Session | **Location:** Durham, Appleby W103

10:50

10:30–10:50

Progress on two-loop Feynman integrals for ttW production

Speaker

Dhimiter Canko