

Session Program

Nov 21 - 22, 2023

**UK HEP Forum 2023: Completing the Higgs-
saw puzzle**

Student talks

Tue, November 21

3:20 PM

Student talks

Session | Location:

15:20 - 15:27 **Higgs Field as a superconnection**

Speaker
Vatsalya Vaibhav

15:27 - 15:34 **Heavy neutral leptons from kaon decays in effective field theory**

Speaker
Rebeca Beltrán

15:34 - 15:41 **Walls, bubbles and doom - the cosmology of HEFT**

Speaker
Mia West

15:41 - 15:48

Two-loop EW Corrections to Higgs Boson Pair Production: Yukawa and Self-coupling corrections

Speaker
Thomas Stone

15:48 - 15:55

Studying the Higgs boson in the SMEFT: gluon-induced ZH production

Speaker
Marion Thomas

3:55 PM

4:25 PM

Student talks

Session | Location:

16:25 - 16:32 **Froggatt-Nielsen Models Meet the SMEFT**

Speaker
Eetu Loisa

16:32 - 16:39 **Electroweak logarithms at high energies**

Speaker
Lorenzo Mai

16:39 - 16:46 **Measurement of Higgs fiducial cross section in Run 3 of ATLAS**

Speaker
Siyuan Yan

16:46 - 16:53 **Unveiling BSM Physics: Multi-scalar coupling modifiers**

Speaker
Wrishik Naskar

16:53 - 17:00 **Phenomenological Predictions for Four Top Production at the LHC**

5:00 PM

Speaker

Vishakha Sreepathi Lingadahally