**Session Program**

**2 December 2022**

# 5th General Meeting of the LHC EFT Working Group

## *Discussion session*

CERN, 40/S2-B01 - Salle Bohr

# Friday 2 December

**15:40**

## Discussion session
**Session** | **Location:** CERN, 40/S2-B01 - Salle Bohr

**15:40–15:41** **Area 1 - EFT formalism (Chair: Ilaria Brivio)**

**15:41–15:46** **Discussion about SMEFT and HEFT exemplified for HH production**

**Speaker**
Jannis Lang

**15:46–15:51** **EFT : Applicabilities and Viabilities**

**Speaker**
Tisa Biswas

**15:51–15:56** **Area 1 targets**

**Speaker**
Ilaria Brivio

**16:10–16:11** **Area 2 - Predictions & Tools (Chair: Robert Schoefbeck)**

**16:11–16:16** **HWG activities for the database of SMEFT predictions**

**Speaker**
Mr Matthew Knight

**16:16–16:21** **Area 2 targets**

**Speaker**
Abideh Jafari

**16:40–16:41**
**Area 3 - Experimental Measurements and Observables (Chair: Anke Biekoetter)**

**16:41–16:46**
**Unbinned multivariate observables for global SMEFT analyses from machine learning**

**Speaker**
Jaco ter Hoeve

**16:46–16:51** **Efficient interpolation and practical observables**

**Speaker**
Nick Smith

**16:51–16:56** **Area 3 targets**

**Speaker**
Anke Biekoetter

**17:15–17:16** **Area 4 - Fits and related systematics (Chair: Jacob Julian Kempster)**

**17:16–17:21** **Area 4 targets**

**Speaker**
Jacob Julian Kempster

17:21–17:31 **ATLAS+CMS EFT combination (top)**

**Speaker**
Kirill Skovpen

17:31–17:41 **Future EFT plans from the SMP CMS perspective**

**Speaker**
Matteo Presilla

18:00–18:01
**Area 5 - Benchmark scenarios for UV models (Chair: Shankha Banerjee)**

18:01–18:06 **Area 5 targets**

**Speaker**
Kristin Lohwasser

18:15–18:16 **Area 6 - Flavour (Chair: Shankha Banerjee)**

18:16–18:21 **Area 6 targets**

**Speaker**
Kristin Lohwasser

18:30