

**Session Program**

**Nov 13 - 15, 2023**

**The 20th Workshop of the LHC Higgs  
Working Group**

***WG4 HH and multi-Higgs Parallel***

## Wed, November 15

9:00 AM

### WG4 HH and multi-Higgs Parallel: Morning 1

**Session** | **Location:** CERN, 503/1-001 - Council Chamber

9:00 - 9:20 AM **Overview of triple Higgs physics at the LHC**

**Speaker**

Marko Stamenkovic

9:30 - 9:45 AM **2HDM Triple Higgs couplings at NLO at the HL-LHC**

**Speaker**

Kateryna Radchenko Serdula

9:50 - 10:05 AM **NLO QCD corrections in the 2HDM**

**Speaker**

Michael Spira

10:10 - 10:25 AM **Vector-boson polarization in VBF di-Higgs production**

**Speaker**

Anna Sophie Tegetmeier

10:30 AM

11:00 AM

### WG4 HH and multi-Higgs Parallel: Morning 2

**Session** | **Location:** CERN, 503/1-001 - Council Chamber

11:00 - 11:15 AM

**Resonant di-Higgs production in the RxSM: Pure resonant vs. full cross sections**

**Speaker**

Alain Verduras

11:20 - 11:35 AM

**New trigger strategies targeting HH events at the CMS experiment in Run 3**

**Speaker**

Stephane Brunet Cooperstein

12:30 PM