

Session Program

Nov 13 - 15, 2023

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

WG3 BSM Higgs Parallel

Wed, November 15

9:00 AM

WG3 BSM Higgs Parallel: Morning 1

Session | Location: CERN, 31/3-004 - IT Amphitheatre

9:00 – 9:18 AM **Charged Higgs Cross section Updates**

Speaker

Emanuele Angelo Bagnaschi

9:18 – 9:36 AM **Recasts**

Speaker

Dr Louie Dartmoor Corpe

9:36 – 9:54 AM **WG2+3 overview**

Speaker

Tania Natalie Robens

9:54 – 10:12 AM **How to study n-Higgs doublet models**

Speaker

Markos Maniatis

10:12 – 10:30 AM **Search for $X \rightarrow Yh \rightarrow VV\tau\tau$ with the ATLAS detector [remote]**

Speaker

Babar Ali

10:30 AM

11:00 AM

WG3 BSM Higgs Parallel: Morning 2

Session | Location: CERN, 31/3-004 - IT Amphitheatre

11:00 – 11:15 AM

Search for $h \rightarrow aa \rightarrow 2\mu 2b/2b2\tau$ with the CMS experiment

Speaker

Pallabi Das

11:15 – 11:30 AM

Search for $h \rightarrow aa \rightarrow 4\gamma$ with the ATLAS experiment

Speaker

Peter Kramer

11:30 – 11:45 AM **Emerging jet probes of strongly interacting dark sectors**

Speaker

Dr José Francisco Zurita

11:45 AM – 12:00 PM **SMEFT at NNLO+PS: Vh production**

Speaker

Luc Schnell

12:00 – 12:15 PM **New Developments in MSSM Higgs Production and Decay**

Speaker
Michael Spira

12:15 - 12:30 PM **2HDM scans**

Speaker
Matteo Bonanomi

12:30 PM