

Session Program

4-6 Dec 2024

**The 21st Workshop of the LHC Higgs Working
Group**

WG3 parallel session

Thursday 5 December

09:00

WG3 parallel session

Session | **Location:** CERN, 6/R-012 - conference room | **Conveners:** Tatjana Lenz, Rui Santos

09:00–09:18 **Rare and Exotic Higgs decays in CMS (15'+3')**

Speaker

Lakshmi Pramod

09:18–09:36 **Rare and exotic Higgs decays in ATLAS (15'+3')**

Speaker

Diallo Boye

09:36–09:54 **LLPs from Exotic Higgs decays using faraway sub-detectors (15'+3')**

Speaker

Nathan Grieser

09:54–10:12

Higgs Mass Predictions in the CP-Violating High-Scale NMSSM (15'+3')

Speaker

Christoph Borschensky

10:12–10:30 **Recent developments in NMSSMCALC (15'+3') [remote]**

Speaker

Martin Gabelmann

10:30–10:50 **Short coffee break**

10:50–11:08 **MSSM Higgs boson production via gluon fusion (15'+3')**

Speaker

Michael Spira

11:08–11:26 **Updates on charged Higgs cross sections (15'+3')**

Speaker

Emanuele Angelo Bagnaschi

11:26–11:44 **Extended scalars and dark matter (15'+3')**

Speaker

Rui Santos

11:44–12:02 **Higgs to dark showers (15'+3')**

Speaker

Emre Sitti

12:02–12:20 **Recasting in resonant di-Higgs searches (15'+3')**

Speaker

Daniele Barducci

12:22