

Session Program

30 May 2022 to 3 June 2022



Higgs Pairs Workshop 2022

Wildcard talks

Thursday 2 June

18:30

Wildcard talks

Session | **Location:** Dubrovnik | **Conveners:** Milada Muhlleitner, Ramona Groeber

18:30–18:45

Non-resonant Higgs Production with a scalar Singlet at the LHC

Speaker

Haider Alhazmi

18:45–19:00

New constraints on extended scalar sectors from the trilinear Higgs coupling

Speaker

Johannes Braathen

19:00–19:15

Precise predictions for the trilinear Higgs coupling in arbitrary models

Speaker

Martin Gabelmann

19:30

Friday 3 June

09:00

Wildcard talks

Session | **Location:** Dubrovnik | **Conveners:** Milada Muhlleitner, Ramona Groeber

09:00–09:15

Predictions for $gg \rightarrow hh$ at full NLO QCD comparing non-linear and linear EFT frameworks and truncation effects

Speaker

Jannis Lang

09:15–09:30

Interplay between an SFOEWPT and Higgs pair production in a 2HDM-EFT

Speaker

Ms Lisa Biermann

09:30–09:45

Falsification of SMEFT through Higgs measurements

Speaker

Alexandre Salas-Bernárdez

09:45–10:00

Higgs Pair Production in a Composite 2HDM

Speaker

Felix Egle

10:00–10:15

Leading two-loop Yukawa corrections to $gg \rightarrow HH$

Speaker

Hantian Zhang

10:30