

Session Program

May 30, 2022 to June 3, 2022



Higgs Pairs Workshop 2022

Wildcard talks

Thu, June 2

6:30 PM

Wildcard talks

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

6:30 - 6:45 PM

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

Speaker

Haider Alhazmi

6:45 - 7:00 PM

New constraints on extended scalar sectors from the trilinear Higgs coupling

Speaker

Johannes Braathen

7:00 - 7:15 PM

Precise predictions for the trilinear Higgs coupling in arbitrary models

Speaker

Martin Gabelmann

7:30 PM

Fri, June 3

9:00 AM

Wildcard talks

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

9:00 - 9:15 AM

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

Speaker

Jannis Lang

9:15 - 9:30 AM

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

Speaker

Ms Lisa Biermann

9:30 - 9:45 AM

Falsification of SMEFT through Higgs measurements

Speaker

Alexandre Salas-Bernárdez

9:45 - 10:00 AM

Higgs Pair Production in a Composite 2HDM

Speaker

Felix Egle

10:00 - 10:15 AM

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

Speaker

Hantian Zhang

10:30 AM