

Session Program

30 May 2022 to 3 June 2022



Higgs Pairs Workshop 2022

Future colliders

Thursday 2 June

09:00

Future colliders

Session | **Location:** Dubrovnik | **Conveners:** Caterina Vernieri, Tania Natalie Robens

09:00–09:30 Theory overview

Speakers

Zhen Liu, Zhen Liu

Location

Dubrovnik

09:30–10:00 HH prospects at the HL-LHC

Speaker

Nan Lu

Location

Dubrovnik

10:00–10:30 Snowmass activities overview

Speaker

Patrick Meade

Location

Dubrovnik

10:30–11:00 Coffee break

11:00–11:30 e+e- colliders

Speaker

Aidan Robson

Location

Dubrovnik

11:30–12:00 mu+ mu- colliders

Speaker

Donatella Lucchesi

Location

Dubrovnik

12:00–12:30 FCC-hh

Speaker

Matthew James Sullivan

Location

Dubrovnik

12:30–14:00 Lunch

14:00

16:30

Future colliders**Session** | **Location:** Dubrovnik | **Conveners:** Caterina Vernieri, Tania Natalie Robens

17:00

16:30–17:00 **Future colliders - discussion**

17:00

Future colliders: Wildcard talks**Session** | **Location:** Dubrovnik | **Conveners:** Caterina Vernieri, Tania Natalie Robens17:00–17:15 **Di-Higgs projections for future high-energy e+e-colliders****Speaker**

Julie Munch Torndal

17:15–17:30

Triple Higgs couplings in the di-Higgs production in the 2HDM at future colliders**Speaker**

Francisco Arco

17:30–17:45

Triple Higgs production with extra scalars in proton-proton colliders**Speaker**

Andreas Papaefstathiou

17:45–18:00

GW waves and the triple Higgs boson coupling in the 2HDM**Speaker**

Maria Olalla Olea Romacho

18:00