

## **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