

**Session Program**

**4-9 Jun 2018**



**The Sixth Annual Large Hadron Collider  
Physics conference LHCP 2018**

***Parallel Higgs***

# Monday 4 June

14:30

## Parallel Higgs: I

**Session** | **Location:** Salone Bolognini | **Conveners:**  
Elisabetta Furlan, Lorenzo Bianchini, Heather Gray, Laura Reina

14:30–14:47

### Understanding signal and background in $ttH/tH$ production: a theoretical perspective

**Speaker**

Stefano Augusto Pozzorini

14:47–15:05

### Towards a precise prediction of differential Higgs $p_T$ distributions

**Speaker**

Chris Wever

15:05–15:22

### Measurement of Higgs differential distributions with ZZ and gg (ATLAS+CMS)

**Speaker**

Tongguang Cheng

15:22–15:32

### Discussion

15:32–15:47

### Recent ATLAS results of the Higgs produced in association with top quarks

**Speaker**

Jelena Jovicevic

15:47–16:02

### Recent CMS results of the Higgs produced in association with top quarks

**Speaker**

Karim El Morabit

16:02–16:20

### Recent results in precision Higgs calculations

**Speaker**

Giulia Zanderighi

16:20–16:30

### Discussion

16:30

## Tuesday 5 June

11:30

### Parallel Higgs: II

**Session** | **Location:** Salone Bolognini, Salone Bolognini | **Conveners:**  
Laura Reina, Elisabetta Furlan, Lorenzo Bianchini, Heather Gray

11:30–11:50

#### Experimental results of the decay of the Higgs to b-quarks (ATLAS + CMS)

**Speaker**

Andrew Stuart Bell

11:50–12:07

#### Experimental results using the decay of the Higgs to taus and muons (ATLAS + CMS)

**Speaker**

Mareike Meyer

12:07–12:24

#### Higgs couplings, mass + width measurements (ATLAS + CMS)

**Speakers**

Yanping Huang, Yanping Huang, Yanping Huang

12:24–12:41

#### Fitting EW and Higgs data with the EFT framework

**Speaker**

Luca Silvestrini

12:41–13:00

#### Discussion

13:00

## Wednesday 6 June

11:30

### Parallel Higgs: III

**Session** | **Location:** Salone Bolognini | **Conveners:**  
Elisabetta Furlan, Heather Gray, Lorenzo Bianchini, Laura Reina

11:30-11:47

#### Higgs measurements as a portal to new physics beyond the Standard Model

**Speaker**

Dario Buttazzo

11:47-12:01

#### Searches for additional Higgs bosons (ATLAS + CMS)

**Speaker**

Andrey Popov

12:01-12:15

#### Searches for exotic and rare Higgs decays (ATLAS+CMS)

**Speaker**

Andrew Haas

12:15-12:29

#### Resonant and non-resonant HH (ATLAS + CMS)

**Speaker**

Nan Lu

12:29-12:44

#### Future projections in Higgs physics (ATLAS + CMS)

**Speaker**

Eric Feng

12:44-13:00

#### Discussion

13:00