

**Session Program**

**4-9 Jun 2018**



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

***Parallel UPG/FUT***

# Thursday 7 June

14:30

## Parallel UPG/FUT: I

**Session** | **Location:** Aula 2 | **Conveners:**

Maria Cepeda Hermida, Ariel Gustavo Schwartzman, Nicola Neri, Silvia Masciocchi

14:30-14:47

### Rad hard and fast silicon sensors for precision tracking

**Speaker**

Fabrice Guilloux

14:47-15:04

### Fast timing detectors for HL-LHC in ATLAS and CMS

**Speaker**

Christian Ohm

15:04-15:21

### Fast timing detector developments for a LHCb Upgrade-II

**Speaker**

Marco Petruzzo

15:21-15:30

### Discussion

15:30-15:47

### New proposal for low-emittance muon collider

**Speaker**

Oscar Roberto Blanco Garcia

15:47-16:04

### Data processing and online reconstruction

**Speaker**

David Rohr

16:04-16:21

### Calorimetry at very forward rapidity

**Speaker**

Edward Scott

16:21-16:30

### Discussion

16:30

## Friday 8 June

11:30

### Parallel UPG/FUT: II

**Session** | **Location:** Aula 2 | **Conveners:**

Ariel Gustavo Schwartzman, Nicola Neri, Maria Cepeda Hermida, Silvia Masciocchi

11:30-11:47

#### Track Trigger at HL-LHC

**Speaker**

Marco Trovato

11:47-12:04

#### Fixed-target opportunities at LHCb

**Speaker**

Fernando Martinez Vidal

12:04-12:14

#### Discussion

12:14-12:31

#### Experimental BSM prospects at the HL-LHC

**Speaker**

Kerstin Hoepfner

12:31-12:48

#### Physics perspectives with heavy ions in the HL-LHC phase

**Speaker**

Stefan Floerchinger

12:48-12:58

#### Discussion

13:00

14:30

### Parallel UPG/FUT: III

**Session** | **Location:** Aula 2 | **Conveners:**

Nicola Neri, Ariel Gustavo Schwartzman, Silvia Masciocchi, Maria Cepeda Hermida

14:30-14:47

#### Future lepton collider theory

**Speaker**

Gauthier Durieux

14:47-15:04

#### Future hadron collider theory

**Speaker**

Giancarlo Ferrera

15:04-15:21

#### Long-lived lived particle searches and detection

**Speaker**

Claudia Gemme

15:21-15:30

#### Discussion

15:30-15:47

#### Status of ILC and CLIC projects

**Speaker**

Steinar Stapnes

15:47-16:04

#### Report from Physics Beyond Colliders

**Speaker**  
Claude Vallee

16:04-16:21 **Towards Future Circular Colliders**

**Speaker**  
Rogelio Tomas Garcia

16:21-16:30 **Discussion**

16:30