**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 **Discussion** 15:21-15:30 New proposal for low-emittance muon collider 15:30-15:47 Speaker Oscar Roberto Blanco Garcia 15:47-16:04 Data processing and online reconstruction Speaker David Rohr Calorimetry at very forward rapidity 16:04-16:21 Speaker **Edward Scott** Discussion 16:21-16:30 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

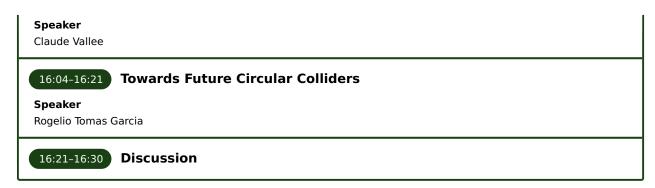
15:21-15:30 **Discussion** 

15:30-15:47 Status of ILC and CLIC projects

Speaker

Steinar Stapnes

15:47-16:04 Report from Physics Beyond Colliders



16:30