

Session Program

Jun 4 - 9, 2018



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

Parallel UPG/FUT

Thu, June 7

2:30 PM

Parallel UPG/FUT: I

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

Nicola Neri, Ariel Gustavo Schwartzman, Maria Cepeda Hermida, 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

4:30 PM

Fri, June 8

11:30 AM

Parallel UPG/FUT: II

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

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

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**

1:00 PM

2:30 PM

Parallel UPG/FUT: III

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

Ariel Gustavo Schwartzman, Nicola Neri, 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**

4:30 PM