

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:**

Nicola Neri, Maria Cepeda Hermida, Ariel Gustavo Schwartzman, 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:**

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

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:**

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

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