



Course on Physics at the LHC

LIP Lisbon, March - May 2017



Program

The standard model of particle physics

João Varela (LIP, IST)

6, 7, 8 March

Detector physics and experimental methods

Michele Gallinaro (LIP), Pedro Silva (CERN)

13, 15 March

Statistical methods in data analysis

Pedram Bargassa(LIP), Pietro Vischia

20 March

Top quark physics

Michele Gallinaro (LIP), António Onofre (LIP, UM)

22, 27, 29 March

Standard model Higgs and beyond

Ricardo Gonçalo (LIP), Patricia Muiño (LIP),
Pedro Silva (CERN), Michele Gallinaro (LIP)

3, 5, 10, 12 April

Supersymmetry

Pedrame Bargassa (LIP)

19, 26 April

Exotica and Dark Matter

Michele Gallinaro (LIP)

3 May

B physics and rare decays

Nuno Leonardo (LIP)

8 May

Heavy ions, polarization

João Seixas (LIP, IST)

10 May

The lectures will take place on Mondays, between 17:00 and 18:30 at LIP,
Av. Elias Garcia, 14 r/c, 1000 Lisbon - Portugal

More info at
http://idpasc.lip.pt/LIP/events/2017_lhc_physics

Course coordinator: João Varela, Michele Gallinaro (LIP, IST)

