

# Particle Physics for the Future of Europe



## Report of Contributions

Contribution ID: 1

Type: **not specified**

## **Welcome - (ZOOM link can be found in indico Overview page)**

*Monday, 28 September 2020 14:00 (10 minutes)*

**Presenter:** GONÇALO, Ricardo (UC/LIP)

Contribution ID: 2

Type: **not specified**

## **From the LHC to the future: experimental perspective**

*Monday, 28 September 2020 17:00 (20 minutes)*

**Presenter:** VARELA, João (LIP)

**Session Classification:** Perspective

Contribution ID: 3

Type: **not specified**

## Discussion

*Monday, 28 September 2020 17:40 (20 minutes)*

**Session Classification:** Perspective

Contribution ID: 4

Type: **not specified**

## Fixed target & Heavy Ions

*Monday, 28 September 2020 16:00 (20 minutes)*

**Presenters:** QUINTANS, Catarina (LIP); APOLINÁRIO, Liliana (LIP)

**Session Classification:** Perspective and Discussion

Contribution ID: 5

Type: **not specified**

## Neutrinos

*Monday, 28 September 2020 16:30 (20 minutes)*

**Presenters:** JOAQUIM,, Filipe (CFTP/IST, U. Lisboa ); MANEIRA, Jose (LIP)

**Session Classification:** Perspective and Discussion

Contribution ID: 6

Type: **not specified**

## Higgs physics

*Monday, 28 September 2020 14:30 (20 minutes)*

**Presenter:** SANTOS, Rui (ISEL and CFTC-UL and LIP)

**Session Classification:** Perspective and Discussion

Contribution ID: 7

Type: **not specified**

## Flavour & BSM physics

*Monday, 28 September 2020 15:00 (20 minutes)*

**Presenters:** REBELO, Gui (CFTP/IST, U. Lisboa); LEONARDO, Nuno (LIP)

**Session Classification:** Perspective and Discussion



Contribution ID: 8

Type: **not specified**

# The update of the European Particle Physics Strategy

*Monday, 28 September 2020 14:10 (10 minutes)*

**Presenter:** PIMENTA, Mário (LIP)

**Session Classification:** Introduction

Contribution ID: 9

Type: **not specified**

## **From the LHC to the future: theoretical perspective**

*Monday, 28 September 2020 17:20 (20 minutes)*

**Presenter:** CASTELO BRANCO, Gustavo (IST/CFTP)

**Session Classification:** Perspective

Contribution ID: **10**

Type: **not specified**

## Posters

*Monday, 28 September 2020 15:30 (30 minutes)*

### Plasma physics:

Bernardo Malaca: Laser-plasma acceleration beyond wave breaking

Nuno Torrado: Direct Current plasmas for long plasma accelerators

### Particle physics:

Diogo de Bastos: Prospects at the High-Luminosity LHC with the CMS Experiment

Hilberto Silva: Probing the Standard Model with Forward Proton Tagging

**Presenters:** MALACA, Bernardo (IPFN/IST ); WILLIM, Camilla (GoLP/IPFN); BASTOS, Diogo (LIP); SILVA, Hilberto (IA/LIP ); TORRADO, Nuno (IPFN/IST)

**Session Classification:** Pause for