

**Jornadas do LIP 2016**

**Report of Contributions**

Contribution ID: 0

Type: **not specified**

## Opening

*Friday, 19 February 2016 14:30 (10 minutes)*

**Session Classification:** Opening & Outreach

Contribution ID: 1

Type: **not specified**

## **Communication and Outreach Report**

*Friday, 19 February 2016 14:40 (20 minutes)*

**Presenter:** ESPÍRITO SANTO, Catarina (LIP)

**Session Classification:** Opening & Outreach

Contribution ID: 2

Type: **not specified**

## **Prospects for gamma-gamma exclusive production with CT-PPS**

*Friday, 19 February 2016 15:00 (10 minutes)*

**Presenter:** HOLLAR, Jonathan (LIP)

**Session Classification:** Experimental Particle Physics with Accelerators - LHC

Contribution ID: 3

Type: **not specified**

## **b physics measurements**

*Friday, 19 February 2016 15:10 (10 minutes)*

**Primary author:** LEONARDO, Nuno (LIP)

**Presenter:** LEONARDO, Nuno

**Session Classification:** Experimental Particle Physics with Accelerators - LHC

Contribution ID: 4

Type: **not specified**

## Searches for stop and stau production

*Friday, 19 February 2016 15:20 (10 minutes)*

**Presenter:** BARGASSA, Pedrame

**Session Classification:** Experimental Particle Physics with Accelerators - LHC

Contribution ID: 5

Type: **not specified**

## Searches for charged Higgs production

*Friday, 19 February 2016 15:30 (10 minutes)*

**Presenter:** VISCHIA, Pietro

**Session Classification:** Experimental Particle Physics with Accelerators - LHC

Contribution ID: 6

Type: **not specified**

## **WW cross-section measurement and missing ET**

*Friday, 19 February 2016 15:40 (10 minutes)*

**Presenter:** LORET, Lara

**Session Classification:** Experimental Particle Physics with Accelerators - LHC

Contribution ID: 9

Type: **not specified**

## Phenomenology at the LHC

*Friday, 19 February 2016 17:10 (20 minutes)*

**Presenter:** ONOFRE, António

**Session Classification:** Experimental Particle Physics with Accelerators - LHC

Contribution ID: **10**

Type: **not specified**

## **Overview & Prospects for the Research Line**

*Friday, 19 February 2016 17:30 (20 minutes)*

**Session Classification:** Experimental Particle Physics with Accelerators - LHC

Contribution ID: 11

Type: **not specified**

## **LIP Computing Activities**

*Friday, 19 February 2016 17:50 (40 minutes)*

**Presenter:** GOMES, Jorge

**Session Classification:** Computing

Contribution ID: 12

Type: **not specified**

## Overview and Prospects for the Research Line

*Friday, 19 February 2016 18:30 (15 minutes)*

**Session Classification:** Computing

Contribution ID: 15

Type: **not specified**

## **Introduction and group presentation**

*Friday, 19 February 2016 15:50 (5 minutes)*

**Presenter:** CONDE MUIÑO, Patricia

**Session Classification:** Experimental Particle Physics with Accelerators - LHC

Contribution ID: 16

Type: **not specified**

## **FCNC in top quark decays**

*Friday, 19 February 2016 15:55 (6 minutes)*

**Presenter:** GALHARDO, Bruno

**Session Classification:** Experimental Particle Physics with Accelerators - LHC

Contribution ID: 17

Type: **not specified**

## Search for vector-like quarks

*Friday, 19 February 2016 16:01 (6 minutes)*

**Presenter:** ARAQUE, Juanpe

**Session Classification:** Experimental Particle Physics with Accelerators - LHC

Contribution ID: 18

Type: **not specified**

## **Global Sequential Calibration for the ZH (H->bb) search**

*Friday, 19 February 2016 16:07 (6 minutes)*

**Presenter:** SOUSA, Mário

**Session Classification:** Experimental Particle Physics with Accelerators - LHC

Contribution ID: 19

Type: **not specified**

## **WH->l nu bb searches using a BDT**

*Friday, 19 February 2016 16:13 (6 minutes)*

**Presenter:** PEDRO, Rute

**Session Classification:** Experimental Particle Physics with Accelerators - LHC

Contribution ID: 20

Type: **not specified**

## **DCS of TileCal and Forward Detectors**

*Friday, 19 February 2016 16:19 (6 minutes)*

**Presenter:** SEABRA, Luís

**Session Classification:** Experimental Particle Physics with Accelerators - LHC

Contribution ID: 21

Type: **not specified**

# Jet trigger algorithms with GPUs for the ATLAS Upgrade

*Friday, 19 February 2016 16:25 (6 minutes)*

**Presenter:** DELGADO, Ademar

**Session Classification:** Experimental Particle Physics with Accelerators - LHC

Contribution ID: 24

Type: **not specified**

## **LUX: The world's most sensitive WIMP detector**

*Saturday, 20 February 2016 09:00 (15 minutes)*

**Session Classification:** Underground Physics - Dark Matter and Neutrino Physics

Contribution ID: 25

Type: **not specified**

## **The next generation dark matter detector: LZ**

*Saturday, 20 February 2016 09:15 (10 minutes)*

**Session Classification:** Underground Physics - Dark Matter and Neutrino Physics

Contribution ID: 26

Type: **not specified**

## Updates on the SNO+ experiment

*Saturday, 20 February 2016 09:25 (25 minutes)*

**Presenter:** PRIOR, Gersende

**Session Classification:** Underground Physics - Dark Matter and Neutrino Physics

Contribution ID: 27

Type: **not specified**

## Space Radiation Environment & Effects

*Saturday, 20 February 2016 10:05 (20 minutes)*

**Session Classification:** Space & Astrophysics

Contribution ID: 28

Type: **not specified**

## **X- and gamma-ray focal planes for future space missions**

*Saturday, 20 February 2016 10:25 (15 minutes)*

**Session Classification:** Space & Astrophysics

Contribution ID: 29

Type: **not specified**

## **Experimental Nuclear Astrophysics**

*Saturday, 20 February 2016 11:10 (10 minutes)*

**Session Classification:** Space & Astrophysics

Contribution ID: **30**

Type: **not specified**

## **Overview and Prospects for the Research Line**

*Saturday, 20 February 2016 09:50 (15 minutes)*

**Session Classification:** Underground Physics - Dark Matter and Neutrino Physics

Contribution ID: 31

Type: **not specified**

## **Auger: Showers and Physics**

*Saturday, 20 February 2016 12:10 (10 minutes)*

**Presenter:** DIOGO, Francisco

**Session Classification:** Astroparticle Physics - Cosmic Ray Physics

Contribution ID: 32

Type: **not specified**

## **MARTA: Muons at the pampa**

*Saturday, 20 February 2016 11:55 (15 minutes)*

**Presenter:** LUZ, Ricardo

**Session Classification:** Astroparticle Physics - Cosmic Ray Physics

Contribution ID: 33

Type: **not specified**

## **LATTES: a next generation detector for $\gamma$ -ray astrophysics in South America**

*Saturday, 20 February 2016 11:35 (20 minutes)*

**Presenter:** CONCEIÇÃO, Ruben

**Session Classification:** Astroparticle Physics - Cosmic Ray Physics

Contribution ID: **34**

Type: **not specified**

## **Overview and Prospects for the Research Line**

*Saturday, 20 February 2016 12:20 (15 minutes)*

**Session Classification:** Astroparticle Physics - Cosmic Ray Physics

Contribution ID: 35

Type: **not specified**

## COMPASS & TMD PDFs

*Saturday, 20 February 2016 14:30 (11 minutes)*

**Presenter:** QUARESMA, Márcia

**Session Classification:** Experimental Physics with Accelerators - Structure of Hadronic Matter Physics

Contribution ID: 36

Type: **not specified**

## **Results on COMPASS longitudinal polarised data**

*Saturday, 20 February 2016 15:00 (15 minutes)*

**Presenter:** NUNES, Ana Sofia (LIP)

**Session Classification:** Experimental Physics with Accelerators - Structure of Hadronic Matter Physics

Contribution ID: 37

Type: **not specified**

## COMPASS DCS

*Saturday, 20 February 2016 14:50 (10 minutes)*

**Presenter:** MENEZES PIRES, Christophe (LIP)

**Session Classification:** Experimental Physics with Accelerators - Structure of Hadronic Matter Physics

Contribution ID: **38**

Type: **not specified**

## **Exploring the dense and cold matter**

*Saturday, 20 February 2016 14:41 (9 minutes)*

**Presenter:** SILVA, Luís

**Session Classification:** Experimental Physics with Accelerators - Structure of Hadronic Matter Physics

Contribution ID: 39

Type: **not specified**

## Overview & Prospects for the Research Line

*Saturday, 20 February 2016 15:15 (15 minutes)*

**Session Classification:** Experimental Physics with Accelerators - Structure of Hadronic Matter Physics

Contribution ID: **40**

Type: **not specified**

## **RPCs**

*Saturday, 20 February 2016 15:30 (10 minutes)*

**Session Classification:** Detectors for Particle and Nuclear Physics

Contribution ID: 41

Type: **not specified**

## Neutron detectors

*Saturday, 20 February 2016 15:40 (10 minutes)*

**Session Classification:** Detectors for Particle and Nuclear Physics

Contribution ID: 42

Type: **not specified**

## **RD51**

*Saturday, 20 February 2016 15:50 (10 minutes)*

**Session Classification:** Detectors for Particle and Nuclear Physics

Contribution ID: 43

Type: **not specified**

## **High pressure Xenon doped mixtures for the NEXT collaboration**

*Saturday, 20 February 2016 16:00 (10 minutes)*

**Session Classification:** Detectors for Particle and Nuclear Physics

Contribution ID: 44

Type: **not specified**

## Liquid Xenon R&D

*Saturday, 20 February 2016 16:10 (10 minutes)*

**Session Classification:** Detectors for Particle and Nuclear Physics

Contribution ID: 45

Type: **not specified**

## **Workshop & Detectors Laboratory**

*Saturday, 20 February 2016 16:20 (10 minutes)*

**Session Classification:** Detectors for Particle and Nuclear Physics

Contribution ID: 46

Type: **not specified**

## Overview & Prospects for the Research Line

*Saturday, 20 February 2016 16:30 (15 minutes)*

**Session Classification:** Detectors for Particle and Nuclear Physics

Contribution ID: 47

Type: **not specified**

## DAEPHYS

**Presenter:** LOPES, Isabel

Contribution ID: 48

Type: **not specified**

## **IDPASC and Innovative Training Networks**

*Sunday, 21 February 2016 11:30 (15 minutes)*

**Presenter:** ESPÍRITO SANTO, Catarina

**Session Classification:** Higher Education and Training + CLOSING

Contribution ID: 49

Type: **not specified**

## **LIP in Numbers**

*Sunday, 21 February 2016 11:55 (15 minutes)*

**Session Classification:** Higher Education and Training + CLOSING

Contribution ID: 50

Type: **not specified**

## **Tribute to Margarida Fraga**

*Sunday, 21 February 2016 12:10 (10 minutes)*

**Session Classification:** Higher Education and Training + CLOSING

Contribution ID: 51

Type: **not specified**

## **LIP "outreach" in University**

*Sunday, 21 February 2016 11:45 (10 minutes)*

**Session Classification:** Higher Education and Training + CLOSING