

Jornadas LIP - 2018

Report of Contributions

Contribution ID: 0

Type: **not specified**

Radon Detection and Measurements

Sunday, 18 February 2018 09:00 (10 minutes)

Presenters: KESSONGO, Joaquim; BAHU, Yoens

Session Classification: Session 7

Contribution ID: 1

Type: **not specified**

LZ Overview

Saturday, 17 February 2018 10:50 (10 minutes)

Presenter: PEREIRA, Guilherme

Session Classification: Session 4

Contribution ID: 2

Type: **not specified**

Physics Studies in LZ

Saturday, 17 February 2018 11:00 (8 minutes)

Presenter: BRÁS, Paulo

Session Classification: Session 4

Contribution ID: 3

Type: **not specified**

Latest results from LUX

Saturday, 17 February 2018 11:08 (6 minutes)

Presenter: LINDOTE, Alexandre

Session Classification: Session 4

Contribution ID: 4

Type: **not specified**

Questions

Contribution ID: 5

Type: **not specified**

Phenomenology

Friday, 16 February 2018 18:30 (30 minutes)

Presenter: MILHANO, Guilherme

Session Classification: Session 2

Contribution ID: 6

Type: **not specified**

Questions

Contribution ID: 7

Type: **not specified**

SNO+

Saturday, 17 February 2018 11:20 (20 minutes)

Presenter: MANEIRA, Jose (LIP)

Session Classification: Session 4

Contribution ID: 8

Type: **not specified**

Contribution to NEXT - LIP in NEXT

Saturday, 17 February 2018 11:45 (10 minutes)

Presenter: ESCADA, José

Session Classification: Session 4

Contribution ID: 9

Type: **not specified**

Introduction to the ATLAS group activities

Friday, 16 February 2018 14:40 (5 minutes)

Presenter: Ms CONDE MUÑO, Patricia (LIP)

Session Classification: Session 1: LHC experiments

Contribution ID: **10**

Type: **not specified**

questions

Contribution ID: **11**

Type: **not specified**

CMS

Contribution ID: **12**

Type: **not specified**

questions

Contribution ID: 13

Type: **not specified**

Partons and QCD from COMPASS at LIP

Friday, 16 February 2018 17:30 (15 minutes)

Presenter: NUNES, Ana Sofia

Session Classification: Session 2

Contribution ID: 14

Type: **not specified**

LEHRI: towards the first Phase-0 experiments at FAIR

Friday, 16 February 2018 18:00 (10 minutes)

Presenter: GALAVIZ, Daniel

Session Classification: Session 2

Contribution ID: 15

Type: **not specified**

The Pierre Auger Observatory: catching Cosmic Rays 10^4 km away

Saturday, 17 February 2018 09:00 (15 minutes)

Presenter: Mr ASSIS, Pedro (LIP)

Session Classification: Session 3

Contribution ID: 16

Type: **not specified**

LATTES: a new detector concept for gamma-ray astrophysics

Saturday, 17 February 2018 09:45 (10 minutes)

Presenter: CONCEIÇÃO, Rúben (LIP)

Session Classification: Session 3

Contribution ID: 17

Type: **not specified**

AMS

Saturday, 17 February 2018 10:00 (15 minutes)

Presenters: Mr BARÃO, Fernando (LIP); ORCINHA, Miguel

Session Classification: Session 3

Contribution ID: **18**

Type: **not specified**

Computing

Contribution ID: 19

Type: **not specified**

Competence Center on Simulation and Big Data

Presenter: CASTRO, Nuno (LIP, DF/ECUM, DFA/FCUP)

Contribution ID: 20

Type: **not specified**

Competence Center in Monitoring and Control - Status Update

Presenter: NEVES, Francisco

Contribution ID: 21

Type: **not specified**

Precision Workshop

Saturday, 17 February 2018 15:20 (15 minutes)

Presenter: BLANCO, Alberto (LIP)

Session Classification: Session 5

Contribution ID: 22

Type: **not specified**

Detectors Lab: update and status

Presenter: LOPES, Luís

Contribution ID: 23

Type: **not specified**

TAGUS LIP

Saturday, 17 February 2018 15:35 (10 minutes)

Presenter: SILVA, José Carlos

Session Classification: Session 5

Contribution ID: 24

Type: **not specified**

LOMAC - Laboratory for Optics and Scintillating Materials

Saturday, 17 February 2018 15:45 (10 minutes)

Presenter: MENDES SARAIVA, Joao Gentil (LIP)

Session Classification: Session 5

Contribution ID: 25

Type: **not specified**

eCR Lab

Saturday, 17 February 2018 15:55 (10 minutes)

Presenter: Mr ASSIS, Pedro (LIP)

Session Classification: Session 5

Contribution ID: 26

Type: **not specified**

Discussion

Saturday, 17 February 2018 16:05 (5 minutes)

Session Classification: Session 5

Contribution ID: 27

Type: **not specified**

Neutron detectors

Saturday, 17 February 2018 17:00 (10 minutes)

Presenter: BLANCO, Alberto (LIP)

Session Classification: Session 6

Contribution ID: **28**

Type: **not specified**

RPCs

Saturday, 17 February 2018 17:10 (15 minutes)

Presenter: BLANCO, Alberto (LIP)

Session Classification: Session 6

Contribution ID: 29

Type: **not specified**

Questions for last 2 talks

Saturday, 17 February 2018 17:25 (5 minutes)

Session Classification: Session 6

Contribution ID: **30**

Type: **not specified**

Gas detectors R&D - work at LIP Coimbra

Saturday, 17 February 2018 17:30 (15 minutes)

Presenter: BORGES, Filipa

Session Classification: Session 6

Contribution ID: **31**

Type: **not specified**

Liquid Xenon

Contribution ID: 32

Type: **not specified**

Questions for last talk

Saturday, 17 February 2018 17:45 (5 minutes)

Session Classification: Session 6

Contribution ID: 33

Type: **not specified**

LIPECO 1 - Communication

Saturday, 17 February 2018 17:50 (10 minutes)

Presenter: Ms ESPIRITO SANTO, Catarina (LIP)

Session Classification: Session 6

Contribution ID: 34

Type: **not specified**

OrthoCT for assisting external-beam radiotherapy: 2D morphological image obtained experimentally without X-ray source rotation

Sunday, 18 February 2018 09:10 (15 minutes)

Presenter: CRESPO, Paulo

Session Classification: Session 7

Contribution ID: 35

Type: **not specified**

Calibration of scintillation cameras: machine learning approach

Sunday, 18 February 2018 09:25 (15 minutes)

Presenter: SOLOVOV, Vladimir

Session Classification: Session 7

Contribution ID: 36

Type: **not specified**

Questions for last 3 talks

Contribution ID: 37

Type: **not specified**

RPC-PET

Sunday, 18 February 2018 09:40 (10 minutes)

Presenter: Mr FONTE, Paulo (LIP - Coimbra)

Session Classification: Session 7

Contribution ID: 38

Type: **not specified**

Development of Detector Modules and the Associated Electronics for Time-of-Flight Positron Emission Tomography

Sunday, 18 February 2018 09:50 (10 minutes)

Presenter: NIKNEJAD, Tahereh

Session Classification: Session 7

Contribution ID: 39

Type: **not specified**

Questions

Sunday, 18 February 2018 10:10 (10 minutes)

Session Classification: Session 7

Contribution ID: 40

Type: **not specified**

Space Radiation Environment & Effects at LIP

Sunday, 18 February 2018 10:50 (20 minutes)

Presenters: PINTO, Marco; Dr GONÇALVES, Patricia (LIP)

Session Classification: Session 8

Contribution ID: 41

Type: **not specified**

i-Astro space instrumentation development activities

Sunday, 18 February 2018 11:15 (20 minutes)

Presenter: MOITA, Miguel

Session Classification: Session 8

Contribution ID: 42

Type: **not specified**

LIP Present & Future

Sunday, 18 February 2018 11:40 (1 hour)

Session Classification: Session 8

Contribution ID: 43

Type: **not specified**

COMPASS Detector Control System

Friday, 16 February 2018 17:45 (10 minutes)

Presenter: PIRES, Christophe

Session Classification: Session 2

Contribution ID: 44

Type: **not specified**

Modeling interactions 20 km high

Presenter: RIEHN, Felix

Contribution ID: 45

Type: **not specified**

Measuring muons under 12 tons of water

Presenter: LUZ, Ricardo

Contribution ID: 46

Type: **not specified**

Exploring dense matter with dielectron probes at HADES

Friday, 16 February 2018 18:10 (15 minutes)

Presenter: FRANCO, Celso

Session Classification: Session 2

Contribution ID: 47

Type: **not specified**

Detectors Lab: update & Status

Saturday, 17 February 2018 12:00 (15 minutes)

Presenter: LOPES, Luís

Session Classification: Session 4

Contribution ID: 48

Type: **not specified**

Competence Center on Simulation and Big Data

Saturday, 17 February 2018 12:20 (10 minutes)

Presenter: CASTRO, Nuno (LIP, DF/ECUM, DFA/FCUP)

Session Classification: Session 4

Contribution ID: 49

Type: **not specified**

Competence Center on Monitoring and Control - Status Update

Saturday, 17 February 2018 12:30 (10 minutes)

Presenter: NEVES, Francisco

Session Classification: Session 4

Contribution ID: 50

Type: **not specified**

Modelling interactions 20 km high

Saturday, 17 February 2018 09:15 (10 minutes)

Presenter: RIEHN, Felix

Session Classification: Session 3

Contribution ID: 51

Type: **not specified**

Measuring muons under 12 tons of water

Saturday, 17 February 2018 09:25 (10 minutes)

Presenter: LUZ, Ricardo

Session Classification: Session 3

Contribution ID: 52

Type: **not specified**

LIP computing services and infrastructures

Saturday, 17 February 2018 14:30 (15 minutes)

Presenter: GOMES, Jorge

Session Classification: Session 5

Contribution ID: 53

Type: **not specified**

EGI and EOSC

Saturday, 17 February 2018 14:45 (15 minutes)

Presenter: Mr PINA, João (LIP)

Session Classification: Session 5

Contribution ID: 54

Type: **not specified**

INDIGO-DataCloud and DEEP

Saturday, 17 February 2018 15:00 (10 minutes)

Presenter: DAVID, Mário

Session Classification: Session 5

Contribution ID: 55

Type: **not specified**

Probing the ElectroWeak scale

Friday, 16 February 2018 15:35 (15 minutes)

Presenter: GALLINARO, Michele (LIP)

Session Classification: Session 1: LHC experiments

Contribution ID: 56

Type: **not specified**

Rare Decays and Heavy Flavor

Friday, 16 February 2018 15:53 (10 minutes)

Presenter: LEONARDO, Nuno (LIP)

Session Classification: Session 1: LHC experiments

Contribution ID: 57

Type: **not specified**

Search for stop production

Friday, 16 February 2018 16:05 (10 minutes)

Presenter: BARGASSA, Pedrame

Session Classification: Session 1: LHC experiments

Contribution ID: 58

Type: **not specified**

Hadron Therapy Center: Opportunies and Challenges (discussion)

Sunday, 18 February 2018 10:05 (5 minutes)

Presenter: Dr PIMENTA, Mário (LIP)

Session Classification: Session 7

Contribution ID: 59

Type: **not specified**

LIPECO 2 - Outreach

Saturday, 17 February 2018 18:00 (10 minutes)

Presenter: Mr ABREU, Pedro (LIP)

Session Classification: Session 6

Contribution ID: **60**

Type: **not specified**

LIPECO 3 - Advanced Training

Saturday, 17 February 2018 18:10 (10 minutes)

Presenter: LEONARDO, Nuno (LIP)

Session Classification: Session 6

Contribution ID: **61**

Type: **not specified**

Internal Communication Survey

Saturday, 17 February 2018 18:20 (10 minutes)

Presenter: COIMBRA, Leonor (LIP)

Session Classification: Session 6

Contribution ID: 62

Type: **not specified**

Outreach @Minho @Coimbra

Saturday, 17 February 2018 18:30 (10 minutes)

Presenters: NEVES, Francisco; Mr CARVALHO, Henrique (LIP Minho)

Session Classification: Session 6

Contribution ID: 63

Type: **not specified**

Conferences in Portugal

Saturday, 17 February 2018 18:40 (5 minutes)

Presenter: Ms ESPIRITO SANTO, Catarina (LIP)

Session Classification: Session 6

Contribution ID: 64

Type: **not specified**

New HV distribution system for the TileCal Phase II Upgrade

Friday, 16 February 2018 14:45 (8 minutes)

Presenter: Mr AUGUSTO, José (LIP)

Session Classification: Session 1: LHC experiments

Contribution ID: 65

Type: **not specified**

Higgs Physics

Friday, 16 February 2018 14:55 (8 minutes)

Presenter: Ms PEDRO, Rute (LIP/FCUL)

Session Classification: Session 1: LHC experiments

Contribution ID: **66**

Type: **not specified**

Top quark Physics

Friday, 16 February 2018 15:05 (8 minutes)

Presenter: Mr GALHARDO, Bruno (LIP)

Session Classification: Session 1: LHC experiments

Contribution ID: 67

Type: **not specified**

Exotics Searches

Friday, 16 February 2018 15:15 (8 minutes)

Presenter: Mr ARAQUE ESPINOSA, Juan Pedro (LIP)

Session Classification: Session 1: LHC experiments

Contribution ID: **68**

Type: **not specified**

Jets in Heavy Ions Collisions

Friday, 16 February 2018 15:25 (8 minutes)

Presenter: Dr PEREIRA, Rui (LIP)

Session Classification: Session 1: LHC experiments

Contribution ID: 69

Type: **not specified**

Measurement of the $t\bar{t}$ production cross section and lepton universality test

Friday, 16 February 2018 16:17 (10 minutes)

Presenter: TOLDAIEV, Alex

Session Classification: Session 1: LHC experiments

Contribution ID: 70

Type: **not specified**

Higgs trilinear coupling in boosted di-Higgs production

Friday, 16 February 2018 16:30 (1 hour)

Presenter: LUISA, Ana

Session Classification: Poster Session 1 + Coffee Break

Contribution ID: 71

Type: **not specified**

Study of the Lorentz structure of the hWW vertex at the LHC

Friday, 16 February 2018 16:30 (1 hour)

Presenter: BARRUÉ, Ricardo

Session Classification: Poster Session 1 + Coffee Break

Contribution ID: 72

Type: **not specified**

Study of the ATLAS sensitivity to the $t\bar{t}H$ signal using a bump search strategy

Friday, 16 February 2018 16:30 (1 hour)

Presenter: COSTA, António

Session Classification: Poster Session 1 + Coffee Break

Contribution ID: 73

Type: **not specified**

Measurement of the branching ratio of $t \rightarrow Ws$ with ATLAS

Friday, 16 February 2018 16:30 (1 hour)

Presenter: FERNANDES, David

Session Classification: Poster Session 1 + Coffee Break

Contribution ID: 74

Type: **not specified**

Search for Flavour Changing Neutral Current decays of the top quark at ATLAS

Friday, 16 February 2018 16:30 (1 hour)

Presenter: GALHARDO, Bruno

Session Classification: Poster Session 1 + Coffee Break

Contribution ID: 75

Type: **not specified**

Improvement of fake jet rejection at trigger level using the TileCal gap/crack scintillators

Friday, 16 February 2018 16:30 (1 hour)

Presenter: GOUVEIA, Emanuel

Session Classification: Poster Session 1 + Coffee Break

Contribution ID: 76

Type: **not specified**

Study of the sensitivity of ATLAS to anomalous CP components in the $H\bar{b}b\gamma$ vertex

Friday, 16 February 2018 16:30 (1 hour)

Presenter: KELLY, Aidan

Session Classification: Poster Session 1 + Coffee Break

Contribution ID: 77

Type: **not specified**

Search for tZ production via Flavour Changing Neutral Currents with the ATLAS Experiment at 13 TeV

Friday, 16 February 2018 16:30 (1 hour)

Presenter: PEIXOTO, Ana

Session Classification: Poster Session 1 + Coffee Break

Contribution ID: 78

Type: **not specified**

Search for vector-like quarks decaying to a Z boson with the ATLAS experiment

Friday, 16 February 2018 16:30 (1 hour)

Presenter: VALE, Tiago

Session Classification: Poster Session 1 + Coffee Break

Contribution ID: 79

Type: **not specified**

ttH Dileptonic Search at ATLAS

Friday, 16 February 2018 16:30 (1 hour)

Presenter: SANTOS, Susana

Session Classification: Poster Session 1 + Coffee Break

Contribution ID: **80**

Type: **not specified**

Bs- \rightarrow $\mu\mu$ rare decay: the decisive ingredient

Friday, 16 February 2018 16:30 (1 hour)

Presenter: ALVES, Bruno

Session Classification: Poster Session 1 + Coffee Break

Contribution ID: **81**

Type: **not specified**

Search for the Supersymmetric partner of the top quark at the LHC: Multivariate approach

Friday, 16 February 2018 16:30 (1 hour)

Presenter: DE BASTOS, Diogo

Session Classification: Poster Session 1 + Coffee Break

Contribution ID: 82

Type: **not specified**

Probing the CP nature of the Higgs couplings in $t\bar{t}H$ events at the LHC

Saturday, 17 February 2018 16:10 (50 minutes)

Presenter: GOUVEIA, Emanuel

Session Classification: Poster Session 2 + Coffee Break

Contribution ID: 83

Type: **not specified**

Study of the interference effects in processes involving the tZq FCNC vertex at the Large Hadron Collider

Saturday, 17 February 2018 16:10 (50 minutes)

Presenter: TEIXEIRA, Maura

Session Classification: Poster Session 2 + Coffee Break

Contribution ID: **84**

Type: **not specified**

The ATLAS Forward Proton tagging detectors

Saturday, 17 February 2018 16:10 (50 minutes)

Presenters: PEIXOTO, Ana; SEABRA, Luis; VALE, Tiago

Session Classification: Poster Session 2 + Coffee Break

Contribution ID: 85

Type: **not specified**

RPC hodoscope to study inclined muons in Auger

Saturday, 17 February 2018 16:10 (50 minutes)

Presenter: FERREIRA, Paulo

Session Classification: Poster Session 2 + Coffee Break

Contribution ID: **86**

Type: **not specified**

Optical Calibration of the SNO+ Detector

Saturday, 17 February 2018 16:10 (50 minutes)

Presenter: INÁCIO, Ana Sofia

Session Classification: Poster Session 2 + Coffee Break

Contribution ID: 87

Type: **not specified**

Antineutrinos in SNO+

Saturday, 17 February 2018 16:10 (50 minutes)

Presenter: NAE, Stefan

Session Classification: Poster Session 2 + Coffee Break

Contribution ID: **88**

Type: **not specified**

SEP fluxes in GEO measured with ESA's Multi-Functional Spectrometer

Saturday, 17 February 2018 16:10 (50 minutes)

Presenter: CARVALHO, Filipe

Session Classification: Poster Session 2 + Coffee Break

Contribution ID: 89

Type: **not specified**

Assessment of Radiation Exposure in Manned Missions to Mars for Three Profiles

Saturday, 17 February 2018 16:10 (50 minutes)

Presenter: CASIMIRO, Ana Luísa

Session Classification: Poster Session 2 + Coffee Break

Contribution ID: 90

Type: **not specified**

Development of a Directionality Detector and RADEM Radiation Analysis for the JUICE Mission

Saturday, 17 February 2018 16:10 (50 minutes)

Presenter: PINTO, Marco

Session Classification: Poster Session 2 + Coffee Break

Contribution ID: **91**

Type: **not specified**

Outreach activities in LIP-Minho

Saturday, 17 February 2018 16:10 (50 minutes)

Presenter: CARVALHO, Henrique

Session Classification: Poster Session 2 + Coffee Break

Contribution ID: 92

Type: **not specified**

Microdosimetry at LIP

Sunday, 18 February 2018 10:00 (5 minutes)

Presenter: SAMPAIO, Jorge

Session Classification: Session 7