

# **Journées Jeunes Chercheurs 2014**

## **Report of Contributions**

Contribution ID: **0**

Type: **not specified**

## Départ

*Saturday, December 13, 2014 8:00 AM (20 minutes)*

Contribution ID: 1

Type: **not specified**

## Talk d'intro

Contribution ID: 2

Type: **not specified**

## Talk d'intro

Contribution ID: 3

Type: **not specified**

## **Presentation 1**

Contribution ID: 4

Type: **not specified**

## Presentation 2

Contribution ID: 5

Type: **not specified**

## Presentation 2

Contribution ID: 6

Type: **not specified**

## Talk d'intro

Contribution ID: 7

Type: **not specified**

## Presentation 2

Contribution ID: **8**

Type: **not specified**

## **Dîner de gala + Soirée**

*Wednesday, December 10, 2014 9:00 PM (3 hours)*

Contribution ID: 9

Type: **not specified**

## Introduction

*Tuesday, December 9, 2014 9:00 AM (45 minutes)*

**Presenters:** AMHIS, Yasmine (EPFL); Mrs AMHIS, Yasmine (lhcb)

**Session Classification:** Saveurs Lourdes

Contribution ID: 10

Type: **not specified**

## Angular analysis of the $B^0 \rightarrow K^{*0} e^+ e^-$ decay at LHCb

*Tuesday, December 9, 2014 9:45 AM (40 minutes)*

**Presenter:** Mr BORSATO, martino (LAL - Orsay)

**Session Classification:** Saveurs Lourdes

Contribution ID: 11

Type: **not specified**

## **Dalitz plots analysis of the decay $B_d \rightarrow K_s \pi \pi$**

*Tuesday, December 9, 2014 10:45 AM (40 minutes)*

**Presenter:** Mr BAALOUCH, Marouen (LPC-Clermont)

**Session Classification:** Saveurs Lourdes

Contribution ID: 12

Type: **not specified**

## **Recherche de nouvelle physique dans les désintégrations $B(d,s) \rightarrow KsKK$**

*Tuesday, December 9, 2014 11:25 AM (40 minutes)*

**Presenter:** HENRY, Louis (LPNHE)

**Session Classification:** Saveurs Lourdes

Contribution ID: 13

Type: **not specified**

## **Search for CP violation in charmless multibody b-baryon decays**

*Tuesday, December 9, 2014 12:05 PM (40 minutes)*

**Presenter:** Mr MARATAS, Jan Mickelle (Laboratoire de Physique Corpusculaire)

**Session Classification:** Saveurs Lourdes

Contribution ID: 14

Type: **not specified**

## Introduction

*Monday, December 8, 2014 9:45 AM (45 minutes)*

**Presenter:** Mr DORNIC, damien (CPPM)

**Session Classification:** Astroparticules

Contribution ID: 15

Type: **not specified**

## **a Multi-Variate Analysis for mass identification in the highest energy cosmic rays**

*Monday, December 8, 2014 10:30 AM (40 minutes)*

**Presenter:** Mr CACCIANIGA, Lorenzo (LPNHE-CNRS - PARIS 6)

**Session Classification:** Astroparticules

Contribution ID: 16

Type: **not specified**

## **The DarkSide experiment: a liquid Argon TPC for the direct detection of Dark Matter**

*Monday, December 8, 2014 11:40 AM (40 minutes)*

**Presenter:** Mr AGNES, Paolo (APC paris 7)

**Session Classification:** Astroparticules

Contribution ID: 17

Type: **not specified**

## Gravitational lensing at SNLS

**Presenter:** Mr MITRA, Ayan (LPNHE)

Contribution ID: **18**

Type: **not specified**

## **Presentation 1**

Contribution ID: **19**

Type: **not specified**

## **Presentation 2**

Contribution ID: **20**

Type: **not specified**

## **Presentation 3**

Contribution ID: 21

Type: **not specified**

## Presentation 4

Contribution ID: 22

Type: **not specified**

## **Presentation sur les neutrinos**

*Tuesday, December 9, 2014 2:00 PM (40 minutes)*

**Presenter:** Mr BARTET, Pierre (LPNHE)

**Session Classification:** Neutrinos

Contribution ID: 23

Type: **not specified**

## **Etude du bruit de fond de la désintégration double bêta sans émission de neutrino dans l'expérience SuperNEMO : l'exemple du Radon**

*Tuesday, December 9, 2014 2:40 PM (40 minutes)*

**Presenter:** Mr SOULÉ, Benjamin (Centre d'Etudes Nucléaires de Bordeaux Gradignan (CENBG))

**Session Classification:** Neutrinos

Contribution ID: 24

Type: **not specified**

## Introduction

**Presenter:** Mr AAD, Georges (CPPM)

Contribution ID: 25

Type: **not specified**

## **Presentation 1**

Contribution ID: 26

Type: **not specified**

## Presentation 2

Contribution ID: 27

Type: **not specified**

## Presentation 2

Contribution ID: **28**

Type: **not specified**

## **Presentation 4**

Contribution ID: 29

Type: **not specified**

## Presentation 3

Contribution ID: **30**

Type: **not specified**

## **Presentation 4**

Contribution ID: **31**

Type: **not specified**

## **Introduction**

*Thursday, December 11, 2014 9:00 AM (45 minutes)*

**Presenter:** FRISSON, Thibault (CERN)

**Session Classification:** Instrumentations/Performances

Contribution ID: 32

Type: **not specified**

## Étude d'une TPC, cible active pour la polarimètre et l'astronomie $\gamma$ par création de paire dans HARPO

*Thursday, December 11, 2014 9:45 AM (40 minutes)*

**Presenter:** Mr WANG, Shaobo (Ecole Polytechnique)

**Session Classification:** Instrumentations/Performances

Contribution ID: **33**

Type: **not specified**

## **Presentation 3**

Contribution ID: **34**

Type: **not specified**

## **Presentation 4**

Contribution ID: 35

Type: **not specified**

## Presentation 5

Contribution ID: **36**

Type: **not specified**

## **Presentation 5**

Contribution ID: 37

Type: **not specified**

## Presentation 2

Contribution ID: **38**

Type: **not specified**

## **Introduction**

*Wednesday, December 10, 2014 9:00 AM (40 minutes)*

**Presenter:** Mr AAD, Georges (CPPM)

**Session Classification:** Modèle Standard électrofaible

Contribution ID: 39

Type: **not specified**

## **Préparation du déclenchement des événements à 4 leptons avec le détecteur CMS pour le Run II du LHC.**

*Wednesday, December 10, 2014 9:40 AM (40 minutes)*

**Presenter:** Mr REGNARD, Simon (Laboratoire Leprince-Ringuet)

**Session Classification:** Modèle Standard électrofaible

Contribution ID: 40

Type: **not specified**

## **Track classification in hadronic tau decay and photon conversion tracks finding for H->tautau channel**

*Wednesday, December 10, 2014 10:45 AM (40 minutes)*

**Presenter:** Mr AYOUB, Mohamad Kassem (Laboratoire de l'accélérateur linéaire)

**Session Classification:** Modèle Standard électrofaible

Contribution ID: 41

Type: **not specified**

## **Tagging jets with double B-hadron using multiple secondary vertices**

*Wednesday, December 10, 2014 11:25 AM (40 minutes)*

**Presenter:** Mr TICSE TORRES, Royer Edson (CPPM)

**Session Classification:** Modèle Standard électrofaible

Contribution ID: 42

Type: **not specified**

## **Search for the bb decay of the Standard Model Higgs boson in associated (W/Z)H production**

*Wednesday, December 10, 2014 12:05 PM (40 minutes)*

**Presenter:** Mr PANDINI, Carlo (LPNHE)

**Session Classification:** Modèle Standard électrofaible

Contribution ID: 43

Type: **not specified**

## **Presentation 3**

Contribution ID: 44

Type: **not specified**

## Introduction

**Presenter:** Dr CALVET, Samuel (LPC)

Contribution ID: 45

Type: **not specified**

## **Presentation 1**

Contribution ID: 46

Type: **not specified**

## **Détection de Neutrons Rapides pour Double Chooz**

*Thursday, December 11, 2014 10:55 AM (40 minutes)*

**Presenter:** Mr HOURLIER, Adrien (APC paris 7)

**Session Classification:** Instrumentations/Performances

Contribution ID: 47

Type: **not specified**

## **Small-radius jets**

*Thursday, December 11, 2014 11:35 AM (40 minutes)*

**Presenter:** Mr DREYER, Frédéric (LPTHE)

**Session Classification:** Instrumentations/Performances

Contribution ID: 48

Type: **not specified**

## Introduction

*Thursday, December 11, 2014 2:00 PM (45 minutes)*

**Presenter:** Dr CALVET, Samuel (LPC)

**Session Classification:** Au-delà du Modèle standard

Contribution ID: 49

Type: **not specified**

## Search for new resonances in $t\bar{t}$ final states

*Thursday, December 11, 2014 2:45 PM (40 minutes)*

**Presenter:** ROMANO SAEZ, Silvestre Marino (LPC Clermont)

**Session Classification:** Au-delà du Modèle standard

Contribution ID: 50

Type: **not specified**

## **Contraintes sur les couplages du Higgs via une approche effective**

*Thursday, December 11, 2014 3:25 PM (40 minutes)*

**Presenter:** Mr BÉLUSCA-MAÏTO, Hermès (Laboratoire de Physique Théorique)

**Session Classification:** Au-delà du Modèle standard

Contribution ID: 51

Type: **not specified**

## **electron Identification for ATLAS**

*Friday, December 12, 2014 9:00 AM (40 minutes)*

**Presenter:** Mr KAHN, Sebastien (CPPM)

**Session Classification:** Instrumentations/Performances

Contribution ID: 52

Type: **not specified**

## **Développement du Trigger pour le Run II dans l'expérience CMS**

*Friday, December 12, 2014 9:40 AM (40 minutes)*

**Presenter:** COUBEZ, Xavier (IPHC)

**Session Classification:** Instrumentations/Performances

Contribution ID: 53

Type: **not specified**

## **Search for single production of vector-like T quarks decaying to tH in full hadronic final state**

*Friday, December 12, 2014 10:40 AM (40 minutes)*

**Presenter:** Mr RUIZ ALVAREZ, Jose David (IPNL)

**Session Classification:** Au-delà du Modèle standard

Contribution ID: 54

Type: **not specified**

## **From Gribov copies to the mass of gluon**

*Friday, December 12, 2014 11:20 AM (40 minutes)*

**Presenter:** Mr TRESMONTANT, Andréas (Lptmc UPMC Jussieu- APC Université Paris-Diderot)

**Session Classification:** Au-delà du Modèle standard

Contribution ID: 55

Type: **not specified**

## **Recherche de Monotop (top + MET) dans le canal leptonique au LHC (exp. CMS)**

*Friday, December 12, 2014 12:00 PM (40 minutes)*

**Presenter:** Mr BUTTIGNOL, Michaël (Doctorant-IPHC Strasbourg)

**Session Classification:** Au-delà du Modèle standard

Contribution ID: 56

Type: **not specified**

## **Chasser le neutrino stérile à l'aide d'une source d'antineutrinos : le projet CeSOX**

*Tuesday, December 9, 2014 3:20 PM (40 minutes)*

**Presenter:** Mr DURERO, Mathieu (CEA Saclay, Irfu/SPP)

**Session Classification:** Neutrinos

Contribution ID: 57

Type: **not specified**

## **Conférence de Christophe Yèche**

*Thursday, December 11, 2014 9:00 PM (2 hours)*

**Presenter:** YECHE, Christophe (CEA Irfu/SPP)

Contribution ID: 58

Type: **not specified**

## **The Large Synoptic Survey Telescope: photometric redshift and Baryon Acoustic Oscillation analysis**

*Monday, December 8, 2014 2:40 PM (40 minutes)*

**Presenter:** Ms CHOYER, Adeline (LPSC)

**Session Classification:** Cosmologie

Contribution ID: 59

Type: **not specified**

## **Détection du gaz chaud dans les structures lointaines**

*Monday, December 8, 2014 3:50 PM (40 minutes)*

**Presenter:** Mr VERDIER, Loïc (CEA Saclay)

**Session Classification:** Cosmologie

Contribution ID: **60**

Type: **not specified**

## **Quantum field theory on curved space-time**

*Monday, December 8, 2014 4:30 PM (40 minutes)*

**Presenter:** Mr GUILLEUX, Maxime (APC)

**Session Classification:** Cosmologie

Contribution ID: **61**

Type: **not specified**

## **Gravitational lensing at SNLS**

*Monday, December 8, 2014 2:00 PM (40 minutes)*

**Presenter:** Mr MITRA, Ayan (LPNHE)

**Session Classification:** Cosmologie

Contribution ID: **62**

Type: **not specified**

## **Introduction**

*Monday, December 8, 2014 9:30 AM (15 minutes)*

**Presenters:** Dr CHABERT, Eric (IPHC/UDS); Dr CHABERT, Eric (IPHC/UDS)