

GDR-InF annual workshop



Report of Contributions

Contribution ID: 29

Type: **not specified**

Welcome and introduction

Monday, November 4, 2019 2:30 PM (15 minutes)

Presenters: BHARUCHA, Aoife (CPT, Marseille); POLCI, Francesco (LPNHE)

Contribution ID: **30**

Type: **not specified**

TBD

Tuesday, November 5, 2019 9:00 AM (40 minutes)

Presenter: CRIVELLIN, Andreas (CERN)

Contribution ID: 31

Type: **not specified**

Lepton flavor universality violation: unearthing its pattern, $B \rightarrow K^* e^+e^-$ angular distribution at low q^2 , search for $B \rightarrow K^* \tau^+\tau^-$

Tuesday, November 5, 2019 2:00 PM (45 minutes)

Presenters: IYER, Abhishek; DESSE, Fabrice (LAL Orsay); CERASOLI, Jacopo (Aix Marseille Univ, CNRS/IN2P3, CPPM)

Contribution ID: 32

Type: **not specified**

Study of the $B \rightarrow K^* \tau^+ \tau^-$ decay at the LHCb experiment

Presenter: CERASOLI, Jacopo (Aix Marseille Univ, CNRS/IN2P3, CPPM)

Contribution ID: **33**

Type: **not specified**

Round table

Contribution ID: 34

Type: **not specified**

$B \rightarrow K^* e^+ e^-$ angular analysis at very low q^2

Presenter: DESSE, Fabrice (LAL Orsay)

Contribution ID: 35

Type: **not specified**

RD and RD*. Is LFU violation a hint on non-unitary New Physics Couplings?

Tuesday, November 5, 2019 11:10 AM (45 minutes)

Presenters: MORRIS, Adam (Aix Marseille Univ, CNRS/IN2P3, CPPM, Marseille, France); GERSTEL, Dawid (Aix Marseille Univ, CNRS/IN2P3, CPPM, Marseille, France); KRIEWALD, Jonathan

Contribution ID: 36

Type: **not specified**

Hadronic $R(D^*)$ and friends

Presenter: MORRIS, Adam (Aix Marseille Univ, CNRS/IN2P3, CPPM, Marseille, France)

Session Classification: Paralle III

Contribution ID: 37

Type: **not specified**

Tests of Lepton Flavour Universality

Presenter: GERSTEL, Dawid (Aix Marseille Univ, CNRS/IN2P3, CPPM, Marseille, France)

Contribution ID: 38

Type: **not specified**

**The Matter's Origin from RadioActivity (MORA)
project: seaching for CP violation in the beta decay
of trapped and laser oriented ions.**

Monday, November 4, 2019 2:45 PM (25 minutes)

Presenter: DELAHAYE, Pierre (GANIL)

Contribution ID: 39

Type: **not specified**

Systematic effects on measurement of the neutron electric dipole moment

Monday, November 4, 2019 3:10 PM (25 minutes)

Presenter: FERRARIS-BOUCHEZ, Laura

Contribution ID: 40

Type: **not specified**

$$\Lambda_b \rightarrow pK\gamma$$

Presenter: BECK, Anja

Contribution ID: 41

Type: **not specified**

Charmless B decays

Tuesday, November 5, 2019 9:40 AM (30 minutes)

Presenters: BERTHOLET, Emilie (CNRS); GRAMMATICO, Thomas

Contribution ID: 42

Type: **not specified**

Lepton flavor universality test with rare b-barion decays

Presenter: MARIN BENITO, Carla ({{CNRS}}UMR8607)

Contribution ID: 43

Type: **not specified**

Discussion: GDR-InF programme and ideas for 2020

Contribution ID: 44

Type: **not specified**

Conseil de groupement

Contribution ID: 45

Type: **not specified**

Summary of Granada workshop on ESPP (European Strategy for Particle Physics)

Wednesday, November 6, 2019 11:00 AM (30 minutes)

Presenters: TEIXEIRA, Ana M. (LPC Clermont); MONTEIL, Stephane (Laboratoire de Physique Corpusculaire de Clermont - UBP/IN2P3)

Contribution ID: 46

Type: **not specified**

Discussion on in2p3 prospectives

Contribution ID: 47

Type: **not specified**

B-decay discrepancies after Moriond 2019

Monday, November 4, 2019 3:35 PM (25 minutes)

Presenter: STANGL, Peter (LAPTh Annecy)

Contribution ID: 48

Type: **not specified**

Motivations and prospects for a Belle II upgrade

Wednesday, November 6, 2019 10:05 AM (25 minutes)

Presenter: DUJANY, Giulio (CNRS - IPHC)

Contribution ID: 49

Type: **not specified**

Dark matter searches at Belle II, first results and prospects

Wednesday, November 6, 2019 9:40 AM (25 minutes)

Presenter: ZANI, Laura (INFN of Pisa)

Contribution ID: 50

Type: **not specified**

Overview of g-2

Wednesday, November 6, 2019 9:00 AM (40 minutes)

Presenter: KNECHT, Marc (CNRS)

Contribution ID: 51

Type: **not specified**

Summary of parallel I

Tuesday, November 5, 2019 4:00 PM (20 minutes)

Presenter: MANCINELLI, Giampiero (CPPM - Marseille)

Contribution ID: 52

Type: **not specified**

Introduction

Monday, November 4, 2019 4:30 PM (20 minutes)

Presenter: WINN, Michael

Session Classification: Parallel II

Contribution ID: 53

Type: **not specified**

LHCb production measurements and opportunities in pp collisions

Monday, November 4, 2019 4:50 PM (20 minutes)

Presenter: ZHANG, Yanxi (TUHEP)

Session Classification: Parallel II

Contribution ID: 54

Type: **not specified**

Perspective for the measurement of beauty and charm hadrons in heavy-ion collisions with ALICE

Monday, November 4, 2019 5:10 PM (20 minutes)

Presenter: GROSA, Fabrizio (Politecnico and INFN Torino)

Session Classification: Parallel II

Contribution ID: 55

Type: **not specified**

Study of B_c meson production in pp and PbPb with CMS

Monday, November 4, 2019 5:30 PM (20 minutes)

Presenter: FALMAGNE, Guillaume

Session Classification: Parallel II

Contribution ID: 56

Type: **not specified**

discussion

Monday, November 4, 2019 5:50 PM (30 minutes)

Session Classification: Parallel II

Contribution ID: 57

Type: **not specified**

Physics of Lambda_b decays

Tuesday, November 5, 2019 2:45 PM (45 minutes)

Presenters: BECK, Anja; MARIN BENITO, Carla (CNRS UMR8607); NOVOA BRUNET, Martín (LPT Orsay)

Contribution ID: 58

Type: **not specified**

Summary of parallel II

Tuesday, November 5, 2019 4:20 PM (20 minutes)

Presenter: FALMAGNE, Guillaume

Contribution ID: 59

Type: **not specified**

Summary of parallel III

Contribution ID: **60**

Type: **not specified**

Summary of parallel IV

Contribution ID: **61**

Type: **not specified**

New physics in tau -> mu transitions

Monday, November 4, 2019 4:35 PM (20 minutes)

Presenter: SUMENSARI, Olcyr (LPT - Orsay)

Session Classification: Parallel I

Contribution ID: **62**

Type: **not specified**

Perspectives at LHCb

Monday, November 4, 2019 4:55 PM (20 minutes)

Presenter: COGAN, Julien (Aix Marseille Univ, CNRS/IN2P3, CPPM, Marseille, France)

Session Classification: Parallel I

Contribution ID: 63

Type: **not specified**

Perspectives at Belle II

Monday, November 4, 2019 5:35 PM (20 minutes)

Presenter: TRABELSI, Karim (LAL)

Session Classification: Parallel I

Contribution ID: **64**

Type: **not specified**

Perspectives at FCC

Monday, November 4, 2019 5:55 PM (20 minutes)

Presenter: MONTEIL, Stephane (Laboratoire de Physique Corpusculaire de Clermont - UBP/IN2P3)

Session Classification: Parallel I

Contribution ID: 65

Type: **not specified**

Introduction

Monday, November 4, 2019 4:30 PM (5 minutes)

Session Classification: Parallel I

Contribution ID: **66**

Type: **not specified**

Discussion

Monday, November 4, 2019 6:15 PM (30 minutes)

Session Classification: Parallel I

Contribution ID: 67

Type: **not specified**

TBD

Presenter: MORRIS, Adam (Aix Marseille Univ, CNRS/IN2P3, CPPM, Marseille, France)

Contribution ID: **68**

Type: **not specified**

The TAUOLA generator for tau decays

Monday, November 4, 2019 5:15 PM (20 minutes)

Presenter: WAS, Zbigniew (IFJ PAN Krakow)

Session Classification: Parallel I

Contribution ID: **69**

Type: **not specified**

Survey on detector développements in our labs