

# **GDR-InF annual workshop**



## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## **WG1: CP violation**

*Monday, 5 November 2018 14:30 (30 minutes)*

**Presenters:** SMITH, Christopher (LPSC); MARCHAND, Jean-François (LAPP); ROCCIA, Stephanie (CSNSM)

**Session Classification:** WG reports

Contribution ID: 2

Type: **not specified**

## **WG2: Rare, radiative and semileptonic B decays. Charm and kaon physics.**

*Monday, 5 November 2018 15:00 (30 minutes)*

**Presenters:** GUADAGNOLI, Diego (LAPTh Annecy); AMHIS, Yasmine (LAL/LHCb)

**Session Classification:** WG reports

Contribution ID: 3

Type: **not specified**

## **WG3: Heavy flavour production and spectroscopy**

*Tuesday, 6 November 2018 11:00 (30 minutes)*

**Presenter:** RICHARD, Jean-Marc (IPNL)

**Session Classification:** WG reports

Contribution ID: 4

Type: **not specified**

## **WG4: Interplay of quark and lepton flavour**

*Monday, 5 November 2018 15:30 (30 minutes)*

**Presenters:** TEIXEIRA, Ana M. (LPC Clermont); SERRANO, justine (Aix Marseille Univ, CNRS/IN2P3, CPPM, Marseille, France)

**Session Classification:** WG reports

Contribution ID: 5

Type: **not specified**

## **WG5: Future experiments**

*Tuesday, 6 November 2018 09:00 (30 minutes)*

**Presenters:** GOODSELL, Mark (LPTHE); MONTEIL, Stephane (Laboratoire de Physique Corpusculaire de Clermont - UBP/IN2P3)

**Session Classification:** WG reports

Contribution ID: 6

Type: **not specified**

## **The GDR intensity Frontier: past, present, future**

*Monday, 5 November 2018 14:00 (30 minutes)*

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

Contribution ID: 7

Type: **not specified**

## **Low energy precision frontier**

*Wednesday, 7 November 2018 09:00 (45 minutes)*

**Presenter:** FALKOWSKI, Adam (LPT Orsay)



Contribution ID: 8

Type: **not specified**

## Conseil de groupement

Contribution ID: 9

Type: **not specified**

## Running a flavour experiment at the LHC

*Wednesday, 7 November 2018 09:45 (45 minutes)*

**Presenter:** ROBBE, Patrick (LAL Orsay)

Contribution ID: 10

Type: **not specified**

## **Discussion. European Strategy for Particle Physics and upcoming IN2P3 prospectives: what is the future of the intensity frontier in France?**

*Tuesday, 6 November 2018 09:30 (1 hour)*

Contribution ID: **11**

Type: **not specified**

## **WGs discussions**

Contribution ID: 12

Type: **not specified**

## **WG2 wrap up: Rare, radiative and semileptonic B decays. Charm and kaon physics.**

Contribution ID: 13

Type: **not specified**

## **WG3 wrap up: Heavy flavour production and spectroscopy**

Contribution ID: 14

Type: **not specified**

## **WG4 wrap up: Interplay of quark and lepton flavour**

Contribution ID: 15

Type: **not specified**

## **WG5 wrap up: Future experiments**



Contribution ID: 16

Type: **not specified**

## **Radiative baryon decays**

*Tuesday, 6 November 2018 11:30 (20 minutes)*

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

**Session Classification:** Young researchers talks

Contribution ID: 17

Type: **not specified**

## **Radiative B decays into orbitally excited mesons at LHCb**

*Tuesday, 6 November 2018 11:50 (15 minutes)*

**Presenter:** QUINTANA, Boris (LPC Clermont / Université Clermont-Auvergne)

**Session Classification:** Young researchers talks

Contribution ID: **18**

Type: **not specified**

## **Time-dependent CP asymmetries in $b \rightarrow s$ gamma transitions at Belle II**

*Tuesday, 6 November 2018 12:05 (20 minutes)*

**Presenter:** BILOKIN, Sviatoslav (Laboratoire de l'Accélérateur Linéaire)

**Session Classification:** Young researchers talks

Contribution ID: 19

Type: **not specified**

## **Flavour anomalies and (fundamental) partial compositeness**

*Tuesday, 6 November 2018 14:35 (20 minutes)*

**Presenter:** STANGL, Peter (LAPTh Annecy)

**Session Classification:** Young researchers talks

Contribution ID: 20

Type: **not specified**

## **Tests of Lepton Flavor Universality using semitauonic decays at LHCb**

*Tuesday, 6 November 2018 14:20 (15 minutes)*

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

**Session Classification:** Young researchers talks

Contribution ID: 21

Type: **not specified**

## Rare heavy mesons decays to leptons

*Tuesday, 6 November 2018 12:25 (15 minutes)*

**Presenter:** MÉAUX, Cédric (Aix Marseille Univ, CNRS/IN2P3, CPPM, Marseille, France)

**Session Classification:** Young researchers talks

Contribution ID: 22

Type: **not specified**

## $B^0 \rightarrow K^* ee$ angular analysis in LHCb

*Monday, 5 November 2018 16:30 (15 minutes)*

**Presenter:** DESSE, Fabrice

**Session Classification:** Young researchers talks

Contribution ID: 23

Type: **not specified**

## **Study of the $\Lambda_b \rightarrow \Lambda^*(\rightarrow KN)\ell\ell$ decay**

*Tuesday, 6 November 2018 14:00 (20 minutes)*

**Presenter:** NOVOA BRUNET, Martín (LPT Orsay)

**Session Classification:** Young researchers talks



Contribution ID: 24

Type: **not specified**

## Testing the Lepton Universality in b-baryon decays

*Monday, 5 November 2018 16:45 (20 minutes)*

**Presenter:** LISOVSKYI, Vitalii (LAL)

**Session Classification:** Young researchers talks

Contribution ID: 25

Type: **not specified**

## **A gauged horizontal SU(2) symmetry and RK(\*)**

*Monday, 5 November 2018 17:05 (20 minutes)*

**Presenter:** REBOUD, MÉRIL (LAPTh/LAPP)

**Session Classification:** Young researchers talks

Contribution ID: 26

Type: **not specified**

## **Pushing the limits of room temperature neutron electric dipole moment measurements with n2EDM**

**Presenter:** VIROT, Romain

Contribution ID: 27

Type: **not specified**

## **Pushing the limits of room temperature neutron electric dipole moment measurements with n2EDM**

*Tuesday, 6 November 2018 14:55 (25 minutes)*

**Presenter:** VIROT, Romain

**Session Classification:** Young researchers talks

Contribution ID: 28

Type: **not specified**

## **Model building**

**Presenter:** STANGL, Peter (LAPTh Annecy)

**Session Classification:** Working groups discussions