

# **Flavor Physics and CP Violation - FPCP 2016**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

## Welcome

*Monday, 6 June 2016 09:00 (5 minutes)*

**Presenter:** Prof. HITLIN, David (Caltech)

**Session Classification:** Monday 1

Contribution ID: 1

Type: **not specified**

## **Experimental review of alpha, beta**

*Monday, 6 June 2016 09:05 (30 minutes)*

**Presenter:** Dr ANULLI, Fabio (INFN Roma)

**Session Classification:** Monday 1

Contribution ID: 2

Type: **not specified**

## Improving the determination of beta

*Monday, 6 June 2016 09:35 (30 minutes)*

**Presenter:** Prof. GARDNER, Susan (U Kentucky)

**Session Classification:** Monday 1

Contribution ID: 3

Type: **not specified**

## **Experimental review of gamma**

*Monday, 6 June 2016 10:05 (30 minutes)*

**Presenter:** Dr WATSON, Ian (University of Tokyo)

**Session Classification:** Monday 1

Contribution ID: 4

Type: **not specified**

## Experimental review of B<sub>s</sub> decays

*Monday, 6 June 2016 11:00 (30 minutes)*

**Presenter:** AMHIS, Yasmine (Laboratoire de L'Accélérateur Linéaire)

**Session Classification:** Monday 2

Contribution ID: 5

Type: **not specified**

## Rare decays

*Monday, 6 June 2016 11:30 (30 minutes)*

**Presenter:** Dr BORSATO, Martino (Universidad de Santiago de Compostela)

**Session Classification:** Monday 2

Contribution ID: 6

Type: **not specified**

## **Analysis of three-body B decays**

*Monday, 6 June 2016 12:00 (30 minutes)*

**Presenter:** Dr COUTINHO, Rafael Silva (Universität Zürich)

**Session Classification:** Monday 2



Contribution ID: 7

Type: **not specified**

## **Charmless hadronic B decays - Theory**

*Monday, 6 June 2016 14:00 (30 minutes)*

**Presenter:** VIRTO, Javier (University of Bern)

**Session Classification:** Monday 3

Contribution ID: 8

Type: **not specified**

## **Semileptonic B decays**

*Monday, 6 June 2016 14:30 (30 minutes)*

**Presenter:** Mr HIROSE, Shigeki (Nagoya University)

**Session Classification:** Monday 3

Contribution ID: 9

Type: **not specified**

## **B -> D(\*) tau nu, B -> tau nu - Theory**

*Monday, 6 June 2016 15:00 (30 minutes)*

**Presenter:** Dr FREYTSIS, Marat (University of Oregon)

**Session Classification:** Monday 3

Contribution ID: **10**

Type: **not specified**

## **Semileptonic D decays**

*Monday, 6 June 2016 16:00 (30 minutes)*

**Presenter:** Dr MA, Hailong (Institute of High Energy Physics, CAS, China)

**Session Classification:** Monday 4

Contribution ID: 11

Type: **not specified**

## **Radiative penguin B decays**

*Monday, 6 June 2016 16:30 (30 minutes)*

**Presenter:** Dr WALSH, John (INFN, Pisa)

**Session Classification:** Monday 4

Contribution ID: 12

Type: **not specified**

## **New physics in semileptonic decays**

*Monday, 6 June 2016 17:00 (30 minutes)*

**Presenter:** DESCOTES-GENON, Sébastien

**Session Classification:** Monday 4

Contribution ID: 13

Type: **not specified**

## **Hadronic charmed meson & baryon decays**

*Tuesday, 7 June 2016 09:00 (30 minutes)*

**Presenter:** Dr MURAMATSU, Hajime (U. of Minnesota)

**Session Classification:** Tuesday 1

Contribution ID: 14

Type: **not specified**

## **b baryon states and lifetimes**

*Tuesday, 7 June 2016 09:30 (30 minutes)*

**Presenter:** Prof. BLUSK, Steven (Syracuse University)

**Session Classification:** Tuesday 1



Contribution ID: 15

Type: **not specified**

## Interpreting the LHC 2gamma signal

*Tuesday, 7 June 2016 10:00 (30 minutes)*

**Presenter:** Prof. ZUREK, Kathryn

**Session Classification:** Tuesday 1

Contribution ID: 16

Type: **not specified**

## **Review of lattice results on the CKM matrix**

*Tuesday, 7 June 2016 11:00 (30 minutes)*

**Presenter:** Dr VAN DE WATER, Ruth (Fermilab)

**Session Classification:** Tuesday 2

Contribution ID: 17

Type: **not specified**

## Calculation of $\epsilon'/\epsilon$ on the lattice

*Tuesday, 7 June 2016 11:30 (30 minutes)*

**Presenter:** Dr KELLY, Christopher (Columbia University)

**Session Classification:** Tuesday 2

Contribution ID: **18**

Type: **not specified**

## **Rare kaon decay experiments**

*Tuesday, 7 June 2016 12:00 (30 minutes)*

**Presenter:** Prof. YAMANAKA, Taku (Osaka University / IUPAP C11)

**Session Classification:** Tuesday 2

Contribution ID: 19

Type: **not specified**

## The g-2 experiment

*Tuesday, 7 June 2016 14:00 (30 minutes)*

**Presenter:** Prof. BOWCOCK, Themis (University of Liverpool)

**Session Classification:** Tuesday 3

Contribution ID: **20**

Type: **not specified**

## **Measurements of R - direct & ISR**

*Tuesday, 7 June 2016 14:30 (30 minutes)*

**Presenter:** Dr YAN, Liang (Turin University & INFN)

**Session Classification:** Tuesday 3

Contribution ID: 21

Type: **not specified**

## Status of g-2 theory

*Tuesday, 7 June 2016 15:00 (30 minutes)*

**Presenter:** IZUBUCHI, Taku (Brookhaven National Laboratory)

**Session Classification:** Tuesday 3

Contribution ID: 22

Type: **not specified**

## Rare tau decays

*Tuesday, 7 June 2016 16:00 (30 minutes)*

**Presenter:** SHIMIZU, Nobuhiro

**Session Classification:** Tuesday 4



Contribution ID: 23

Type: **not specified**

## Measurement of $V_{us}$ in tau decays

*Tuesday, 7 June 2016 16:30 (30 minutes)*

**Presenter:** Prof. MALTMAN, Kim (York University)

**Session Classification:** Tuesday 4

Contribution ID: 24

Type: **not specified**

## Status of SuperKEKB/Belle II

*Tuesday, 7 June 2016 17:00 (30 minutes)*

**Presenter:** PAOLONI, Eugenio (INFN and University of Pisa)

**Session Classification:** Tuesday 4

Contribution ID: 25

Type: **not specified**

## Higgs properties

*Wednesday, 8 June 2016 08:30 (30 minutes)*

**Presenter:** BRANDSTETTER, Johannes (Vienna Institut of High Energy Physics (HEPHY))

**Session Classification:** Wednesday 1

Contribution ID: 26

Type: **not specified**

## Top quark properties

*Wednesday, 8 June 2016 09:00 (30 minutes)*

**Presenter:** MAL, Prolay Kumar

**Session Classification:** Wednesday 1

Contribution ID: 27

Type: **not specified**

## **BSM searches at LHC**

*Wednesday, 8 June 2016 09:30 (30 minutes)*

**Presenter:** WANG, Jike

**Session Classification:** Wednesday 1

Contribution ID: 28

Type: **not specified**

## **Dark force, light Higgs searches**

*Wednesday, 8 June 2016 11:00 (30 minutes)*

**Presenter:** Prof. HEARTY, Christopher (U. British Columbia / IPP)

**Session Classification:** Wednesday 2

Contribution ID: 29

Type: **not specified**

## Dark matter searches

*Wednesday, 8 June 2016 11:30 (30 minutes)*

**Presenter:** NELSON, Harry (UCSB)

**Session Classification:** Wednesday 2

Contribution ID: **30**

Type: **not specified**

## **Status of EDM searches**

*Wednesday, 8 June 2016 12:00 (30 minutes)*

**Presenter:** Prof. FILIPPONE, Brad (Caltech)

**Session Classification:** Wednesday 2



Contribution ID: **31**

Type: **not specified**

## **$\mu \rightarrow e \gamma$**

*Wednesday, 8 June 2016 15:00 (30 minutes)*

**Presenter:** Dr CAVOTO, Gianluca (INFN Roma)

**Session Classification:** Wednesday 3

Contribution ID: **32**

Type: **not specified**

## **mu -> e conversion**

*Wednesday, 8 June 2016 15:30 (30 minutes)*

**Presenter:** BONVENTRE, Richard (Lawrence Berkeley National Lab)

**Session Classification:** Wednesday 3

Contribution ID: 33

Type: **not specified**

## Double-beta decay searches

*Wednesday, 8 June 2016 16:00 (30 minutes)*

**Presenter:** Dr ALBERT, Joshua (Indiana University)

**Session Classification:** Wednesday 3

Contribution ID: **34**

Type: **not specified**

## **Pentaquarks**

*Thursday, 9 June 2016 09:00 (30 minutes)*

**Presenter:** Dr HE, Jibo (University of Chinese Academy of Sciences)

**Session Classification:** Thursday 1

Contribution ID: 35

Type: **not specified**

## Light quark spectroscopy

*Thursday, 9 June 2016 09:30 (30 minutes)*

**Primary author:** LIU, Fang

**Presenter:** Dr YAN, Liang

**Session Classification:** Thursday 1

Contribution ID: **36**

Type: **not specified**

## **Spectroscopy theory**

*Thursday, 9 June 2016 10:00 (30 minutes)*

**Presenter:** Dr EICHTEN, Estia (Fermilab)

**Session Classification:** Thursday 1

Contribution ID: 37

Type: **not specified**

## Reactor neutrino experiments

*Thursday, 9 June 2016 11:00 (30 minutes)*

**Presenter:** NAPOLITANO, James

**Session Classification:** Thursday 2

Contribution ID: **38**

Type: **not specified**

## **Accelerator neutrino experiments**

*Thursday, 9 June 2016 11:30 (30 minutes)*

**Presenter:** Dr SUTER, Louise (Argonne)

**Session Classification:** Thursday 2



Contribution ID: 39

Type: **not specified**

## Neutrino theory

*Thursday, 9 June 2016 12:00 (30 minutes)*

**Presenter:** Prof. DE GOUVEA, Andre (Northwestern University)

**Session Classification:** Thursday 2

Contribution ID: 40

Type: **not specified**

## **CMS/ATLAS upgrades**

*Thursday, 9 June 2016 14:00 (30 minutes)*

**Presenter:** Prof. HORII, Yasuyuki (Nagoya University)

**Session Classification:** Thursday 3

Contribution ID: 41

Type: **not specified**

## **LHCb upgrades**

*Thursday, 9 June 2016 14:30 (30 minutes)*

**Presenter:** GAVARDI, Laura (TU Dortmund, on behalf of the LHCb Collaboration)

**Session Classification:** Thursday 3

Contribution ID: 42

Type: **not specified**

## **Status of DUNE/LBNF**

*Thursday, 9 June 2016 15:00 (30 minutes)*

**Presenter:** BISHAI, Mary (Brookhaven National Laboratory)

**Session Classification:** Thursday 3

Contribution ID: 43

Type: **not specified**

## Experimental summary & outlook

*Thursday, 9 June 2016 16:00 (40 minutes)*

**Presenter:** Dr BEVAN, Adrian (Queen Mary University of London)

**Session Classification:** Thursday 4

Contribution ID: 44

Type: **not specified**

## Theory summary and outlook

*Thursday, 9 June 2016 16:40 (40 minutes)*

**Presenter:** Prof. MANNEL, Thomas (University of Siegen)

**Session Classification:** Thursday 4

Contribution ID: 45

Type: **not specified**

## Next year in Prague

*Thursday, 9 June 2016 17:20 (15 minutes)*

**Presenter:** Prof. DOLEZAL, Zdenek (Charles University in Prague)

**Session Classification:** Thursday 4