

FPCP 2010

Report of Contributions

Contribution ID: 0

Type: **not specified**

Flavor physics with ATLAS: status and perspectives

Tuesday, May 25, 2010 10:00 AM (25 minutes)

Primary author: HASSANI, Samira (Saclay CEA)

Presenter: HASSANI, Samira (Saclay CEA)

Contribution ID: 1

Type: **not specified**

Flavor Physics with CMS: status and perspectives

Tuesday, May 25, 2010 10:25 AM (25 minutes)

Primary author: LANGENEGGER, Urs (PSI)

Presenter: LANGENEGGER, Urs (PSI)

Contribution ID: 2

Type: **not specified**

COFFEE BREAK

Contribution ID: 3

Type: **not specified**

First Results from LHCb

Primary author: MUHEIM, Franz (University of Edinburgh)

Presenter: MUHEIM, Franz (University of Edinburgh)

Contribution ID: 4

Type: **not specified**

First Results from BESIII

Tuesday, May 25, 2010 11:45 AM (30 minutes)

Primary author: LI, Haibo (IHEP, Beijing)

Presenter: LI, Haibo (IHEP, Beijing)

Contribution ID: 5

Type: **not specified**

Contingency

Contribution ID: 6

Type: **not specified**

Measurements of β

Tuesday, May 25, 2010 1:45 PM (25 minutes)

Primary author: SUMISAWA, Kazutaka (KEK)

Presenter: SUMISAWA, Kazutaka (KEK)

Contribution ID: 7

Type: **not specified**

Measurements of α

Tuesday, May 25, 2010 2:10 PM (25 minutes)

Primary author: DALSENO, Jeremy (Max Plank Institute)

Presenter: DALSENO, Jeremy (Max Plank Institute)

Contribution ID: 8

Type: **not specified**

D hadronic decays (related to extraction of angle γ)

Tuesday, May 25, 2010 3:00 PM (25 minutes)

Primary author: THOMAS, Chris (Oxford University -RAL)

Presenter: THOMAS, Chris (Oxford University -RAL)

Contribution ID: 9

Type: **not specified**

Measurements of γ

Tuesday, May 25, 2010 2:35 PM (25 minutes)

Primary author: DERKACH, Denis (LAL - Orsay)

Presenter: DERKACH, Denis (LAL - Orsay)

Contribution ID: **10**

Type: **not specified**

Angle measurements

Tuesday, May 25, 2010 3:25 PM (25 minutes)

Primary author: ZUPAN, Jure (JSI)

Presenter: ZUPAN, Jure (JSI)

Contribution ID: **11**

Type: **not specified**

S-waves and the extraction of β_s

Tuesday, May 25, 2010 4:40 PM (25 minutes)

Primary author: STONE, Sheldon (Syracuse University)

Presenter: STONE, Sheldon (Syracuse University)

Contribution ID: 12

Type: **not specified**

Measurement of β s at CDF

Tuesday, May 25, 2010 5:05 PM (20 minutes)

Primary author: OAKES, Louise (Oxford University)

Presenter: OAKES, Louise (Oxford University)

Contribution ID: 13

Type: **not specified**

Measurement of β s at D0

Tuesday, May 25, 2010 5:25 PM (20 minutes)

Primary author: CHANDRA, Avdhesh (Rice University)

Presenter: CHANDRA, Avdhesh (Rice University)

Contribution ID: 14

Type: **not specified**

Bs Decays at the Tevatron

Primary author: GIURGIU, Gavril (Johns Hopkins University)

Presenter: GIURGIU, Gavril (Johns Hopkins University)

Contribution ID: 15

Type: **not specified**

Bs Decays at B-factories

Tuesday, May 25, 2010 6:10 PM (25 minutes)

Primary author: LOUVOT, Remi (Federale de Lausanne (EPFL))

Presenter: LOUVOT, Remi (Federale de Lausanne (EPFL))

Contribution ID: **16**

Type: **not specified**

End of session

Tuesday, May 25, 2010 6:35 PM (10 minutes)

Contribution ID: 17

Type: **not specified**

Charmless B Decays

Wednesday, May 26, 2010 9:00 AM (25 minutes)

Primary author: SITT, Simon (LPNHE PARIS)

Presenter: SITT, Simon (LPNHE PARIS)

Contribution ID: **18**

Type: **not specified**

Baryonic B Decays

Wednesday, May 26, 2010 9:25 AM (25 minutes)

Primary author: SHIU, Jing-Ge (National Taiwan University)

Presenter: SHIU, Jing-Ge (National Taiwan University)

Contribution ID: **19**

Type: **not specified**

Hadronic B Decays

Wednesday, May 26, 2010 9:50 AM (25 minutes)

Primary author: BELL, Guido (University of Bern)

Presenter: BELL, Guido (University of Bern)

Contribution ID: 20

Type: **not specified**

Baryon Production and Decays and b-hadron lifetimes

Wednesday, May 26, 2010 10:15 AM (25 minutes)

Primary author: DONATI, Simone (Pisa)

Presenter: DONATI, Simone (Pisa)

Contribution ID: 21

Type: **not specified**

D leptonic decays

Primary author: STONE, Sheldon (Syracuse University)

Presenter: STONE, Sheldon (Syracuse University)

Contribution ID: 22

Type: **not specified**

D semileptonic decays (CLEO-c)

Wednesday, May 26, 2010 11:25 AM (25 minutes)

Primary author: ECKLUND, Karl (Rice University)

Presenter: ECKLUND, Karl (Rice University)

Contribution ID: 23

Type: **not specified**

D hadronic decays (not related to extraction of angle γ)

Wednesday, May 26, 2010 11:50 AM (25 minutes)

Primary author: RADEMACKER, Jonas (Bristol University)

Presenter: RADEMACKER, Jonas (Bristol University)

Contribution ID: 24

Type: **not specified**

Lattice and charm physics

Wednesday, May 26, 2010 12:15 PM (25 minutes)

Primary author: SHIGEMITSU, Junko (Ohio State University)

Presenter: SHIGEMITSU, Junko (Ohio State University)

Contribution ID: 25

Type: **not specified**

B-> s/d l+l- & s/dy

Wednesday, May 26, 2010 2:00 PM (25 minutes)

Primary author: NAKAYAMA, Hiroyuki (KEK)

Presenter: NAKAYAMA, Hiroyuki (KEK)

Contribution ID: 26

Type: **not specified**

Radiative and rare semileptonic decays

Wednesday, May 26, 2010 2:25 PM (25 minutes)

Primary author: MISIAK, Mikolaj (University of Warsaw)

Presenter: MISIAK, Mikolaj (University of Warsaw)

Contribution ID: 27

Type: **not specified****B \rightarrow $\mu\mu$, B \rightarrow $K^*\mu\mu$ (D0)***Wednesday, May 26, 2010 2:50 PM (25 minutes)***Primary author:** AOKI, Masato (Fermilab)**Presenter:** AOKI, Masato (Fermilab)

Contribution ID: 28

Type: **not specified****B- \rightarrow $\tau\nu$ and B- \rightarrow D(*) $\tau\nu$** *Wednesday, May 26, 2010 3:15 PM (35 minutes)***Primary author:** BOZEK, Andrzej (Institute of Nuclear Physics Krakow)**Presenter:** BOZEK, Andrzej (Institute of Nuclear Physics Krakow)

Contribution ID: 29

Type: **not specified**

Measurement of $|V_{cb}|$ and $|V_{ub}|$

Wednesday, May 26, 2010 4:20 PM (25 minutes)

Primary author: KOWALEWSKI, Robert (University of Victoria)

Presenter: KOWALEWSKI, Robert (University of Victoria)

Contribution ID: 30

Type: **not specified**

Determination of $|V_{ub}|$ and $|V_{cb}|$: a theory perspective

Wednesday, May 26, 2010 4:45 PM (25 minutes)

Primary author: MANNEL, Thomas (Siegen University)

Presenter: MANNEL, Thomas (Siegen University)

Contribution ID: 31

Type: **not specified**

|Vud| and |Vus|

Wednesday, May 26, 2010 5:10 PM (25 minutes)

Primary author: MASSAROTTI, Paolo (Naples University & INFN)

Presenter: MASSAROTTI, Paolo (Naples University & INFN)

Contribution ID: 32

Type: **not specified**

|Vus| from strange decays of τ lepton

Wednesday, May 26, 2010 5:35 PM (25 minutes)

Primary author: PARAMESVARAN, Sudarshan (Royal Holloway and Bedford College)

Presenter: PARAMESVARAN, Sudarshan (Royal Holloway and Bedford College)

Contribution ID: **33**

Type: **not specified**

End of session

Wednesday, May 26, 2010 6:00 PM (15 minutes)

Contribution ID: **34**

Type: **not specified**

D0 mixing

Thursday, May 27, 2010 9:00 AM (25 minutes)

Primary author: NERI, Nicola (Universita' di Pisa & INFN)

Presenter: NERI, Nicola (Universita' di Pisa & INFN)

Contribution ID: 35

Type: **not specified**

CP violation in D0 decays

Thursday, May 27, 2010 9:25 AM (25 minutes)

Primary author: MARTINELLI, Maurizio (INFN)

Presenter: MARTINELLI, Maurizio (INFN)

Contribution ID: 36

Type: **not specified**

D physics: SM and new physics potential

Thursday, May 27, 2010 9:50 AM (25 minutes)

Primary author: PEREZ, Gilad (Weizmann Institute)

Presenter: PEREZ, Gilad (Weizmann Institute)

Contribution ID: 37

Type: **not specified**

D(s)+ decays and their CPV

Thursday, May 27, 2010 10:15 AM (25 minutes)

Primary author: ZUPANC, Anze (Karlsruhe Institute of Technology)

Presenter: ZUPANC, Anze (Karlsruhe Institute of Technology)

Contribution ID: **38**

Type: **not specified**

Evidence for an anomalous like-sign dimuon charge asymmetry

Tuesday, May 25, 2010 4:15 PM (25 minutes)

Primary author: BROOIJMANS, Gustaaf (Columbia University)

Presenter: BROOIJMANS, Gustaaf (Columbia University)

Contribution ID: 39

Type: **not specified**

Inclusive semileptonic D decays and the heavy quark expansion

Thursday, May 27, 2010 10:40 AM (20 minutes)

Primary author: KAMENIK, Jernej (Ljubljana University)

Presenter: KAMENIK, Jernej (Ljubljana University)

Contribution ID: 40

Type: **not specified**

D leptonic decays

Wednesday, May 26, 2010 11:00 AM (25 minutes)

Primary author: STONE, Sheldon (Syracuse University)

Presenter: STONE, Sheldon (Syracuse University)

Contribution ID: 41

Type: **not specified**

Lattice input to CKM measurements

Friday, May 28, 2010 9:00 AM (25 minutes)

Primary author: LAIHO, Jack (University of Glasgow)

Presenter: LAIHO, Jack (University of Glasgow)

Contribution ID: 42

Type: **not specified**

Global fit to CKM data (CKMfitter)

Friday, May 28, 2010 9:25 AM (25 minutes)

Primary author: DESCOTES-GENON, Sebastien (LPT (CNRS/Univ. Paris-Sud 11))

Presenter: DESCOTES-GENON, Sebastien (LPT (CNRS/Univ. Paris-Sud 11))

Contribution ID: 43

Type: **not specified**

Global fit to CKM data (UTfit)

Friday, May 28, 2010 9:50 AM (25 minutes)

Primary author: BONA, Marcella (Queen Mary College)

Presenter: BONA, Marcella (Queen Mary College)

Contribution ID: 44

Type: **not specified**

Lessons for new physics from CKM studies

Friday, May 28, 2010 10:15 AM (25 minutes)

Primary author: LUNGHI, Enrico (Indiana University)

Presenter: LUNGHI, Enrico (Indiana University)

Contribution ID: 45

Type: **not specified**

b anti-b States

Friday, May 28, 2010 11:10 AM (25 minutes)

Primary author: KIM, Peter (SLAC)

Presenter: KIM, Peter (SLAC)

Contribution ID: 46

Type: **not specified**

c anti-c States

Friday, May 28, 2010 11:35 AM (25 minutes)

Primary author: BIASSONI, Pietro (INFN)

Presenter: BIASSONI, Pietro (INFN)

Contribution ID: 47

Type: **not specified**

New quarkonia states

Friday, May 28, 2010 12:00 PM (25 minutes)

Primary author: POLOSA, Antonio Davide (INFN)

Presenter: POLOSA, Antonio Davide (INFN)

Contribution ID: 48

Type: **not specified**

Y(nS) polarization measurements

Friday, May 28, 2010 12:25 PM (25 minutes)

Primary author: LEWIS, Jonathan (FNAL)

Presenter: LEWIS, Jonathan (FNAL)

Contribution ID: 49

Type: **not specified**

Charged Lepton Flavor Violation

Friday, May 28, 2010 2:10 PM (25 minutes)

Primary author: CIRIGLIANO, Vincenzo (Los Alamos National Laboratory)

Presenter: CIRIGLIANO, Vincenzo (Los Alamos National Laboratory)

Contribution ID: 50

Type: **not specified**

Neutrinoless double beta decay

Friday, May 28, 2010 2:35 PM (25 minutes)

Primary author: BELLINI, Fabio (INFN)

Presenter: BELLINI, Fabio (INFN)

Contribution ID: 51

Type: **not specified**

Lepton Flavor Violation at B Factories

Friday, May 28, 2010 3:00 PM (25 minutes)

Primary author: MIYAZAKI, Yoshiyuki (Nagoya University)

Presenter: MIYAZAKI, Yoshiyuki (Nagoya University)

Contribution ID: 52

Type: **not specified**

Lepton Flavor Violation in $\mu \rightarrow e\gamma$

Friday, May 28, 2010 3:25 PM (25 minutes)

Primary author: VOENA, Cecilia (INFN)

Presenter: VOENA, Cecilia (INFN)

Contribution ID: 53

Type: **not specified**

Future LFV experiments

Friday, May 28, 2010 3:50 PM (25 minutes)

Primary author: KUNO, Yoshitaka (Osaka University)

Presenter: KUNO, Yoshitaka (Osaka University)

Contribution ID: 54

Type: **not specified**

Status of neutrino physics experiments

Friday, May 28, 2010 4:40 PM (25 minutes)

Primary author: JAFFE, David (Brookhaven National Laboratory)

Presenter: JAFFE, David (Brookhaven National Laboratory)

Contribution ID: 55

Type: **not specified**

Neutrino Physics: a theoretical review

Friday, May 28, 2010 5:05 PM (25 minutes)

Primary author: SCHWETZ-MANGOLD, Thomas (MPIK Heidelberg)

Presenter: SCHWETZ-MANGOLD, Thomas (MPIK Heidelberg)

Contribution ID: 56

Type: **not specified**

Experimental perspectives of neutrino physics

Friday, May 28, 2010 5:30 PM (25 minutes)

Primary author: MEZZETTO, Mauro (PD)

Presenter: MEZZETTO, Mauro (PD)

Contribution ID: 57

Type: **not specified**

End of session

Friday, May 28, 2010 5:55 PM (5 minutes)

Contribution ID: 58

Type: **not specified**

Physics reach of future flavor physics experiments

Saturday, May 29, 2010 9:00 AM (25 minutes)

Primary author: LIGETI, Zoltan (LBNL)

Presenter: LIGETI, Zoltan (LBNL)

Contribution ID: 59

Type: **not specified**

Status of SuperB

Saturday, May 29, 2010 9:25 AM (25 minutes)

Primary author: WIENANDS, Uli (SLAC)

Presenter: WIENANDS, Uli (SLAC)

Contribution ID: **60**

Type: **not specified**

Status of SuperKEKB

Saturday, May 29, 2010 9:50 AM (25 minutes)

Primary author: KUHR, Thomas (KIT)

Presenter: KUHR, Thomas (KIT)

Contribution ID: **61**

Type: **not specified**

Upgrade of LHCb

Saturday, May 29, 2010 10:15 AM (25 minutes)

Primary author: MACHEFERT, Frederic (LAL Orsay/CNRS)

Presenter: MACHEFERT, Frederic (LAL Orsay/CNRS)

Contribution ID: 62

Type: **not specified**

K -> πνν Experiments

Primary author: TECCHIO, Monica (Michigan University)

Presenter: TECCHIO, Monica (Michigan University)

Contribution ID: **63**

Type: **not specified**

Status of NA62

Saturday, May 29, 2010 11:25 AM (25 minutes)

Primary author: LAZZERONI, Cristina (University of Birmingham)

Presenter: LAZZERONI, Cristina (University of Birmingham)

Contribution ID: 64

Type: **not specified**

Experimental Summary and Outlook

Primary author: JAWAHERY, Hassan (University of Maryland)

Presenter: JAWAHERY, Hassan (University of Maryland)

Contribution ID: 65

Type: **not specified**

Experimental Summary and Outlook

Saturday, May 29, 2010 11:50 AM (35 minutes)

Primary author: JAWAHERY, Hassan (University of Maryland)

Presenter: JAWAHERY, Hassan (University of Maryland)

Contribution ID: 66

Type: **not specified**

What if ? or On the interplay between Serendipity, Intuition and Conjecture

Saturday, May 29, 2010 12:25 PM (35 minutes)

Primary author: GRINSTEIN, Benjamin (UCSD/CERN)

Presenter: GRINSTEIN, Benjamin (UCSD/CERN)

Contribution ID: 67

Type: **not specified**

Bs Decays at the Tevatron

Tuesday, May 25, 2010 5:45 PM (25 minutes)

Primary author: GIURGIU, Gavril (Johns Hopkins University)

Presenter: GIURGIU, Gavril (Johns Hopkins University)

Contribution ID: **68**

Type: **not specified**

K -> πνν Experiments

Saturday, May 29, 2010 11:00 AM (25 minutes)

Primary author: TECCHIO, Monica (Michigan University)

Presenter: TECCHIO, Monica (Michigan University)

Contribution ID: **69**

Type: **not specified**

First Results from LHCb

Tuesday, May 25, 2010 11:20 AM (25 minutes)

Primary author: MUHEIM, Franz (University of Edinburgh)

Presenter: MUHEIM, Franz (University of Edinburgh)