

KAON 2016 conference



Report of Contributions

Contribution ID: **31**

Type: **not specified**

Kaon Flavour Physics Strikes Back

Wednesday, 14 September 2016 09:00 (40 minutes)

Presenter: BURAS, Andrzej (Munich)

Contribution ID: **32**

Type: **not specified**

Lattice QCD: an Overview

Wednesday, 14 September 2016 09:40 (30 minutes)

Presenter: SACHRAJDA, Christopher (University of Southampton)

Contribution ID: 33

Type: **not specified**

LHCb searches for strong CP-violating decays $\eta(\prime) \rightarrow \pi\pi$

Wednesday, 14 September 2016 10:10 (20 minutes)

Presenter: CAPRIOTTI, Lorenzo (University of Manchester (GB))

Contribution ID: 34

Type: **not specified**

Long Distance Contribution to Rare Kaon Decays and Kaon Mixing

Wednesday, 14 September 2016 10:30 (25 minutes)

Presenter: FENG, Xu

Contribution ID: 35

Type: **not specified**

CP violation in $K \rightarrow \pi \pi$, status and prospects

Wednesday, 14 September 2016 11:25 (25 minutes)

Presenter: GARRON, Nicolas

Contribution ID: **36**

Type: **not specified**

Recent results on strangeness in ALICE at LHC

Wednesday, 14 September 2016 11:50 (20 minutes)

Presenter: DONIGUS, Benjamin (Johann-Wolfgang-Goethe Univ. (DE))

Contribution ID: 37

Type: **not specified**

Electromagnetic corrections to hadronic decays from Lattice QCD

Wednesday, 14 September 2016 12:10 (25 minutes)

Presenter: MARTINELLI, Guido (Universita e INFN, Roma I (IT))

Contribution ID: **38**

Type: **not specified**

Current status of ϵ_K with lattice QCD inputs

Wednesday, 14 September 2016 12:35 (25 minutes)

Presenter: LEE, Weonjong

Contribution ID: 39

Type: **not specified**

Kaonic atoms

Wednesday, 14 September 2016 13:50 (20 minutes)

Presenter: SHI, Hexi

Contribution ID: 40

Type: **not specified**

Higher order effects in ϵ'/ϵ

Wednesday, 14 September 2016 14:10 (25 minutes)

Presenter: CERDA SEVILLA, Maria

Contribution ID: 41

Type: **not specified**

Effective theory

Wednesday, 14 September 2016 14:35 (25 minutes)

Presenter: JAEGER, Sebastian (University of Sussex (GB))

Contribution ID: 42

Type: **not specified**

ATLAS Higgs to phi gamma

Wednesday, 14 September 2016 15:00 (20 minutes)

Presenter: CHISLOM, Andrew

Contribution ID: 43

Type: **not specified**

Light Yukawa couplings

Wednesday, 14 September 2016 15:20 (25 minutes)

Presenter: TOBIOKA, Kohsaku

Contribution ID: 44

Type: **not specified**

Search for KS to Mu Mu at LHCb

Wednesday, 14 September 2016 15:45 (20 minutes)

Presenter: RAMOS, Miguel

Contribution ID: 45

Type: **not specified**

Rare Beauty decays from CMS

Wednesday, 14 September 2016 16:25 (20 minutes)

Presenter: SWAIN, Sanjay Kumar (sanjay@niser.ac.in)

Contribution ID: 46

Type: **not specified**

Latest Discrete symmetries and QM studies with KLOE-2

Wednesday, 14 September 2016 16:45 (20 minutes)

Presenter: KAMINSKA, Daria

Contribution ID: 47

Type: **not specified**

New BABAR Results on CPT Symmetry Tests

Wednesday, 14 September 2016 17:05 (20 minutes)

Presenter: MIYASHITA, Tomonari

Contribution ID: 48

Type: **not specified**

B rare decays and test of Lepton Flavour Universality at LHCb

Wednesday, 14 September 2016 17:25 (20 minutes)

Presenter: TOLK, Siim (University of Cambridge (GB))

Contribution ID: 49

Type: **not specified**

Epsilon_K in the Standard Model and Beyond

Wednesday, 14 September 2016 17:45 (25 minutes)

Presenter: SALA, Filippo

Contribution ID: 50

Type: **not specified**

Rare and radiative kaon decays

Friday, 16 September 2016 09:00 (25 minutes)

Presenter: D'AMBROSIO, Giancarlo

Contribution ID: 51

Type: **not specified**

Measurement of K to pi+ pi0 e+ e- in NA48

Friday, 16 September 2016 09:25 (20 minutes)

Presenter: BLOCH-DEVAUX, Brigitte (Universita e INFN Torino (IT))

Contribution ID: 52

Type: **not specified**

K to pi l+ l- : status and update

Friday, 16 September 2016 09:45 (25 minutes)

Presenter: PORTOLES, Jorge (Instituto de Fisica Corpuscular)

Contribution ID: 53

Type: **not specified**

Prospects for the search of Ks to pi pi e e at LHCb

Friday, 16 September 2016 10:10 (20 minutes)

Presenter: MARIN BENITO, Carla (University of Barcelona (ES))

Contribution ID: 54

Type: **not specified**

Search for Dark photon at NA48, and measurement of π^0 form factor

Friday, 16 September 2016 10:55 (20 minutes)

Presenter: RAGGI, Mauro (LNF INFN)

Contribution ID: 55

Type: **not specified**

Prospects for the search of Ks to $\pi^0 \mu \mu$ at LHCb

Friday, 16 September 2016 11:15 (20 minutes)

Presenter: LUCIO MARTINEZ, Miriam (Universidade de Santiago de Compostela (ES))

Contribution ID: 56

Type: **not specified**

Dispersion relations for $K_S \rightarrow \gamma \gamma$ and $K_S \rightarrow \gamma l^+ l^-$

Friday, 16 September 2016 11:35 (25 minutes)

Presenter: TUNSTALL, Lewis

Contribution ID: 57

Type: **not specified**

Measurement of K to mu nu e e at NA48

Friday, 16 September 2016 12:00 (20 minutes)

Presenter: KHORIAULI, Gia (Johannes-Gutenberg-Universitaet Mainz (DE))

Contribution ID: 58

Type: **not specified**

Impact of ATLAS measurements on knowledge of the strange density in the proton

Friday, 16 September 2016 12:20 (20 minutes)

Presenters: COOPER-SARKAR, Amanda; SARKAR, Amanda (University of Oxford (GB)); SARKAR, amanda

Contribution ID: 59

Type: **not specified**

Probing CPT symmetry in transitions with entangled neutral kaons at KLOE

Saturday, 17 September 2016 09:00 (20 minutes)

Presenter: DI DOMENICO, Antonio (Universita e INFN, Roma I (IT))

Contribution ID: **60**

Type: **not specified**

Prospects for the measurement of KL to pi0 nu nu at CERN

Saturday, 17 September 2016 09:20 (20 minutes)

Presenter: MOULSON, Matthew (Istituto Nazionale Fisica Nucleare Frascati (IT))

Contribution ID: **61**

Type: **not specified**

The KLOE-2 experiment at DAFNE

Saturday, 17 September 2016 09:40 (20 minutes)

Presenter: PASSERI, Antonio

Contribution ID: 62

Type: **not specified**

Prospects for exotics and LFV at NA62

Saturday, 17 September 2016 10:00 (20 minutes)

Presenter: PETROV, Plamen Rumenov (Universite Catholique de Louvain (UCL) (BE))

Contribution ID: 63

Type: **not specified**

Recent results on exclusive hadronic cross sections measurements at BABAR

Saturday, 17 September 2016 10:20 (20 minutes)

Presenter: BARLOW, Roger

Contribution ID: **64**

Type: **not specified**

Theory view: the next step

Saturday, 17 September 2016 11:00 (40 minutes)

Presenter: ISIDORI, Gino (Universitaet Zuerich (CH))

Contribution ID: 65

Type: **not specified**

Experimental summary

Saturday, 17 September 2016 11:40 (40 minutes)

Presenter: CECCUCCI, Augusto (CERN)

Contribution ID: **66**

Type: **not specified**

Supersymmetry and kaon physics

Thursday, 15 September 2016 09:00 (25 minutes)

Presenter: YAMAMOTO, Kei

Contribution ID: 67

Type: **not specified**

Overview of Lepton Flavour Violation experiments

Thursday, 15 September 2016 09:25 (25 minutes)

Presenter: AOKI, Masaharu

Contribution ID: **68**

Type: **not specified**

Lepton flavor (universality) violation in rare kaon decays

Thursday, 15 September 2016 09:50 (25 minutes)

Presenter: TUNSTALL, Lewis

Contribution ID: **69**

Type: **not specified**

The Dark Sector

Thursday, 15 September 2016 10:15 (25 minutes)

Presenter: POSPELOV, Maxim

Contribution ID: 70

Type: **not specified**

Results on kaon physics from OKA

Thursday, 15 September 2016 10:40 (20 minutes)

Presenter: OBRAZTOV, Vladimir

Contribution ID: 71

Type: **not specified**

Precise measurement of the K_{e2} over $K_{\mu 2}$ branching ratio and search for new physics beyond the Standard Model at TREK

Thursday, 15 September 2016 11:20 (20 minutes)

Presenter: BIANCHIN, Sebastian

Contribution ID: 72

Type: **not specified**

Global EFT analysis of (semi)leptonic kaon decays

Thursday, 15 September 2016 11:40 (25 minutes)

Presenter: GONZALES-ALONSO, Martin

Contribution ID: 73

Type: **not specified**

Searches for Lepton Number Violation and resonances in $K^\pm \rightarrow \pi\mu\mu$ decays at NA48/2

Thursday, 15 September 2016 12:05 (20 minutes)

Presenter: PICCINI, Mauro (INFN - Sezione di Perugia (IT))

Contribution ID: 74

Type: **not specified**

Supersymmetric explanation of CPV in K to pi pi decays

Thursday, 15 September 2016 12:25 (25 minutes)

Presenter: KITAHARA, Teppei

Contribution ID: 75

Type: **not specified**

Search for heavy neutrinos and other exotic processes in the E949 experiment

Thursday, 15 September 2016 12:50 (20 minutes)

Presenter: SHAIKHIEV, Artur

Contribution ID: 76

Type: **not specified**

Search for Sigma to p mu mu decays at LHCb

Thursday, 15 September 2016 14:00 (20 minutes)

Presenter: DETTORI, Francesco (CERN)

Contribution ID: 77

Type: **not specified**

Status of the JPARC KOTO experiment

Thursday, 15 September 2016 14:20 (20 minutes)

Presenter: SHIOMI, Koji

Contribution ID: 78

Type: **not specified**

Status of the CERN NA62 experiment

Thursday, 15 September 2016 14:40 (20 minutes)

Presenter: RUGGIERO, Giuseppe (University of Liverpool (GB))

Contribution ID: 79

Type: **not specified**

A Loophole in K to pi nu nu search and K_L to π^0 nu nu Beyond Grossman–Nir Bound

Thursday, 15 September 2016 15:00 (25 minutes)

Presenter: HOU, George

Contribution ID: **80**

Type: **not specified**

Reduction of neutron-induced background in KOTO

Thursday, 15 September 2016 15:45 (20 minutes)

Presenter: KOTA, Nakagiri

Contribution ID: **81**

Type: **not specified**

Semileptonic decays

Thursday, 15 September 2016 16:05 (25 minutes)

Presenter: PASSEMAR, Emilie

Contribution ID: **82**

Type: **not specified**

Dispersive treatment of K14 decays

Thursday, 15 September 2016 16:30 (25 minutes)

Presenter: STOFFER, Peter

Contribution ID: **83**

Type: **not specified**

Radiative corrections in kaon decays

Thursday, 15 September 2016 16:55 (25 minutes)

Presenter: KNECHT, Marc

Contribution ID: **84**

Type: **not specified**

Registration

Wednesday, 14 September 2016 08:00 (55 minutes)

Contribution ID: **85**

Type: **not specified**

Registration

Thursday, 15 September 2016 08:00 (1 hour)

Contribution ID: **86**

Type: **not specified**

Registration

Friday, 16 September 2016 08:00 (55 minutes)

Contribution ID: **87**

Type: **not specified**

Welcome

Wednesday, 14 September 2016 11:15 (10 minutes)

Presenter: Prof. SCHOFIELD, Andy (Head of College of Engineering and Physical Sciences, University of Birmingham)

Contribution ID: **88**

Type: **not specified**

Welcome

Wednesday, 14 September 2016 08:55 (5 minutes)

Presenter: LAZZERONI, Cristina (University of Birmingham (GB))

Contribution ID: **89**

Type: **not specified**

Drinks reception - University Staff House

Contribution ID: **90**

Type: **not specified**

KAON2016 Proceedings

Friday, 16 September 2016 08:55 (5 minutes)

Contribution ID: **91**

Type: **not specified**

Proposal for the next KAON Conference

Friday, 16 September 2016 12:40 (10 minutes)

Presenter: CENCI, Patrizia (INFN Perugia (IT))