

RKF 2019 - 2nd Forum on Rare Kaon decays



UNIVERSITÀ DEGLI STUDI DI NAPOLI FEDERICO II - DIPARTIMENTO DI
FISICA "ETTORE PANCINI"



Report of Contributions

Contribution ID : 1

Type : **not specified**

Wellcome and Opening

Wednesday, 29 May 2019 14:00 (40)

Presenter(s) : Dr. D'AMBROSIO, Giancarlo (INFN Napoli)

Session Classification : Welcome and first session

Contribution ID : 2

Type : **not specified**

Latest results from NA48/2

Wednesday, 29 May 2019 14:40 (30)

Presenter(s) : Dr. PICCINI, Mauro (INFN - Sezione di Perugia)

Session Classification : Welcome and first session

Contribution ID : 3

Type : **not specified**

Recent progress in kaon 4-body semileptonic decays

Wednesday, 29 May 2019 15:10 (30)

Presenter(s) : Dr. CATA, Oscar (Siegen University - Physics Departement)

Session Classification : Welcome and first session

Contribution ID : 4

Type : **not specified**

Search for lepton number and lepton flavour violation at NA62

Wednesday, 29 May 2019 16:00 (30)

Presenter(s) : Dr. LURKIN, Nicolas (University of Birmingham)

Session Classification : Welcome and first session

Contribution ID : 5

Type : **not specified**

Searches for the hidden sector at NA62

Wednesday, 29 May 2019 16:30 (30)

Presenter(s) : Dr. MARTELOTTI, Silvia (INFN Laboratori Nazionali di Frascati)

Session Classification : Welcome and first session

Contribution ID : 6

Type : **not specified**

Discussion: beyond standard model perspectives

Wednesday, 29 May 2019 17:00 (90)

Session Classification : Welcome and first session

Contribution ID : 7

Type : **not specified**

$K^+ \rightarrow \pi^+ \mu^+ \mu^-$ from NA62

Thursday, 30 May 2019 09:30 (25)

Presenter(s) : Dr. PARKINSON, Christopher John (University of Birmingham)

Session Classification : Morning session

Contribution ID : 8

Type : **not specified**

Latest results from kaon and hyperon decays at LHCb

Thursday, 30 May 2019 09:55 (25)

Presenter(s) : Dr. PROUVE, Claire (Universidade de Santiago de Compostela)

Session Classification : Morning session

Contribution ID : 9

Type : **not specified**

Kaon physics implications from B-anomalies

Thursday, 30 May 2019 10:20 (25)

Presenter(s) : Dr. MARZOCCA, David (INFN Trieste)

Session Classification : Morning session

Contribution ID : **10**

Type : **not specified**

$K^+ \rightarrow \pi^+ \nu \bar{\nu}$ from NA62

Thursday, 30 May 2019 11:10 (25)

Presenter(s) : Dr. LOLLINI, Riccardo (Università e INFN, Perugia)

Session Classification : Morning session

Contribution ID : 11

Type : **not specified**

Future KL $\rightarrow \pi^0 \nu \bar{\nu}$ measurement at CERN and the KOTO experiment

Thursday, 30 May 2019 12:00 (30)

Presenter(s) : Dr. MOULSON, Matthew (INFN Frascati)

Session Classification : Morning session

Contribution ID : 12

Type : **not specified**

Rare and stranges decay at LHCb

Thursday, 30 May 2019 11:35 (25)

Presenter(s) : Dr. SANTOS, Diego Martinez (Universidade de Santiago de Compostela)

Session Classification : Morning session

Contribution ID : 13

Type : **not specified**

DISCUSSION: experimental prospectives

Thursday, 30 May 2019 14:30 (180)

Session Classification : Afternoon session

Contribution ID : 14

Type : **not specified**

Proof-of-concept calculation for a lattice determination of the $K \rightarrow \pi l l$ amplitude

Presenter(s) : PORTELLI, Antonin (antonin.portelli@ed.ac.uk)

Contribution ID : 15

Type : **not specified**

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Contribution ID : 16

Type : **not specified**

Proof-of-concept calculation for a lattice determination of the $K \rightarrow \pi l l$ amplitude

Friday, 31 May 2019 09:30 (30)

Presenter(s) : PORTELLI, Antonin (The University of Edinburgh)

Session Classification : Morning session

Contribution ID : 17

Type : **not specified**

Applications of the all-to-all method in a lattice calculation of the $K \rightarrow \pi l l$ amplitude

Friday, 31 May 2019 10:00 (30)

Presenter(s) : Mr. Ó HÓGÁIN, Fionn (The University of Edinburgh)

Session Classification : Morning session

Contribution ID : **18**

Type : **not specified**

The amplitudes of the $K \rightarrow \pi l l$ decays: theoretical aspects

Friday, 31 May 2019 10:30 (30)

Presenter(s) : Dr. KNECHT, Marc (CPT/CNRS Marseille)

Session Classification : Morning session

Contribution ID : **19**

Type : **not specified**

Exploring model correlations between B anomalies and Rare K decays

Friday, 31 May 2019 11:20 (20)

Presenter(s) : Dr. IYER, Abhishek (INFN Sezione di Napoli)

Session Classification : Morning session

Contribution ID : **20**

Type : **not specified**

DISCUSSION: lattice and phenomenological perspectives/RKF 2020

Friday, 31 May 2019 11:40 (80)

Session Classification : Morning session