

Kaons@J-PARC 2024 workshop

Report of Contributions

Contribution ID: 1

Type: **not specified**

Registration

Saturday, 27 July 2024 08:00 (50 minutes)

Contribution ID: 2

Type: **not specified**

Welcome

Saturday, 27 July 2024 08:50 (10 minutes)

Presenter: NANJO, Hajime (Osaka University)

Contribution ID: 3

Type: **not specified**

Connecting theories of flavour to Kaon physics

Saturday, 27 July 2024 09:50 (50 minutes)

Presenter: BORDONE, Martzia

Session Classification: Season 1

Contribution ID: 4

Type: **not specified**

Strategies to test beyond the Standard Model with Kaon physics

Saturday, 27 July 2024 09:00 (50 minutes)

Presenter: MAHMOUDI, Nazila

Session Classification: Season 1

Contribution ID: 5

Type: **not specified**

Lattice QCD for $K \rightarrow \pi l^+ l^-$ decays

Saturday, 27 July 2024 10:50 (40 minutes)

Presenter: PORTELLI, Antonin

Session Classification: Season 1

Contribution ID: 6

Type: **not specified**

Discussion I

Saturday, 27 July 2024 11:30 (50 minutes)

Presenter: D'AMBROSIO, Giancarlo

Session Classification: Season 1

Contribution ID: 7

Type: **not specified**

NA62 results and prospects

Saturday, 27 July 2024 13:20 (50 minutes)

Presenter: BRIZOLI, Francesco

Session Classification: Session 2

Contribution ID: 8

Type: **not specified**

Kaon programs in LHCb

Saturday, 27 July 2024 14:10 (50 minutes)

Presenter: MARTINEZ, Diego

Session Classification: Session 2

Contribution ID: 9

Type: **not specified**

KOTO results and prospects

Saturday, 27 July 2024 15:30 (50 minutes)

Presenter: NOMURA, Tadashi

Session Classification: Session 2

Contribution ID: **10**

Type: **not specified**

CERN's strategy and decision

Saturday, 27 July 2024 16:40 (20 minutes)

Presenter: JUETTNER, Andreas

Session Classification: Session 3

Contribution ID: 11

Type: **not specified**

J-PARC Hadron Experimental Facility and extension

Saturday, 27 July 2024 17:00 (25 minutes)

Presenter: TAKAHASHI, Hitoshi

Session Classification: Session 3

Contribution ID: 12

Type: **not specified**

KEK's strategy

Saturday, 27 July 2024 17:25 (20 minutes)

Presenter: SAITO, Nobuhito

Session Classification: Session 3

Contribution ID: 13

Type: **not specified**

Exotic Kaon decays and New Physics

Sunday, 28 July 2024 08:30 (40 minutes)

Presenter: DEPPISCH, Frank

Session Classification: Session 4

Contribution ID: 14

Type: **not specified**

KOTO II

Sunday, 28 July 2024 09:10 (50 minutes)

Presenter: NANJO, Hajime (Osaka University)

Session Classification: Session 4

Contribution ID: 15

Type: **not specified**

HIKE main electromagnetic calorimeter

Sunday, 28 July 2024 10:10 (25 minutes)

Presenter: ROSA, Ilaria

Session Classification: Session 4

Contribution ID: 16

Type: **not specified**

Calorimeter study for KOTO II

Sunday, 28 July 2024 10:35 (25 minutes)

Presenter: GEIYOUB, Lim

Session Classification: Session 4

Contribution ID: 17

Type: **not specified**

Discussion II

Sunday, 28 July 2024 11:00 (50 minutes)

Presenters: MOULSON, Matthew; SHIOMI, Koji

Session Classification: Session 4

Contribution ID: **18**

Type: **not specified**

On $K_L \rightarrow (\pi^0)\ell^+\ell^-$ decays

Sunday, 28 July 2024 12:50 (40 minutes)

Presenter: HOFERICHTER, Martin

Session Classification: Session 5

Contribution ID: **19**

Type: **not specified**

$K_L \rightarrow \mu^+ \mu^-$ from lattice

Sunday, 28 July 2024 13:30 (40 minutes)

Presenter: CHAO, En-Hung

Session Classification: Session 5

Contribution ID: 20

Type: **not specified**

Discussion III

Sunday, 28 July 2024 14:35 (30 minutes)

Presenter: JUETTNER, Andreas

Session Classification: Session 5

Contribution ID: **21**

Type: **not specified**

Break

Sunday, 28 July 2024 15:05 (30 minutes)

Contribution ID: 22

Type: **not specified**

$$K_L \rightarrow \pi^0 l^+ l^-$$

Sunday, 28 July 2024 15:35 (30 minutes)

Presenter: TUNG, Yu-Chen

Session Classification: Session 6

Contribution ID: 23

Type: **not specified**

$$K_L \rightarrow \pi^0 l^+ l^-$$

Sunday, 28 July 2024 16:05 (30 minutes)

Presenter: GOUDZOVSKI, Evgueni

Session Classification: Session 6

Contribution ID: 24

Type: **not specified**

Straw Tracker

Sunday, 28 July 2024 16:35 (25 minutes)

Presenter: DANIELSSON, Hans

Session Classification: Session 6

Contribution ID: 25

Type: **not specified**

Discussion IV

Sunday, 28 July 2024 17:00 (50 minutes)

Presenter: LAZZERONI, Cristina

Session Classification: Session 6

Contribution ID: 26

Type: **not specified**

Evolution of the NA62 DAQ towards HIKE

Monday, 29 July 2024 08:50 (25 minutes)

Presenter: GAMBERINI, Enrico

Session Classification: Session 7

Contribution ID: 27

Type: **not specified**

KOTO / KOTO II DAQ

Monday, 29 July 2024 09:15 (25 minutes)

Presenter: LIN, Chieh

Session Classification: Session 7

Contribution ID: 28

Type: **not specified**

Concepts of a crystalline Small Angle Calorimeter

Monday, 29 July 2024 09:40 (25 minutes)

Presenter: SOLDANI, Mattia

Session Classification: Session 7

Contribution ID: 29

Type: **not specified**

Development of nanocomposite scintillators for high-energy physics

Monday, 29 July 2024 10:05 (25 minutes)

Presenter: MOULSON, Matthew

Session Classification: Session 7

Contribution ID: **30**

Type: **not specified**

Concluding remarks

Monday, 29 July 2024 11:20 (10 minutes)

Presenter: NANJO, Hajime (Osaka University)

Contribution ID: 31

Type: **not specified**

IPNS seminar : Recent results from NA62 and future directions of kaon physics

Monday, 29 July 2024 13:00 (1 hour)

Presenter: LAZZERONI, Cristina

Contribution ID: 32

Type: **not specified**

Recent development of semiconductor detector for the particle physics

Monday, 29 July 2024 10:30 (25 minutes)

Presenter: TOGAWA, Manabu (KEK)

Session Classification: Session 7

Contribution ID: 33

Type: **not specified**

Discussion V

Monday, 29 July 2024 10:55 (25 minutes)

Session Classification: Session 7

Contribution ID: 34

Type: **not specified**

$K \rightarrow \mu\mu$ as a clean probe of short-distance physics

Sunday, 28 July 2024 14:10 (25 minutes)

Presenter: DERY, Avital

Session Classification: Session 5

Contribution ID: 35

Type: **not specified**

Low-energy QCD theory from a theoretical perspective

Monday, 29 July 2024 08:30 (20 minutes)

Presenter: KAMPF, Karol

Session Classification: Session 7