

**Kaons@J-PARC 2024
workshop**

Report of Contributions

Contribution ID: 1

Type: **not specified**

Registration

Saturday, July 27, 2024 8:00 AM (50 minutes)

Contribution ID: 2

Type: **not specified**

Welcome

Saturday, July 27, 2024 8:50 AM (10 minutes)

Presenter: NANJO, Hajime (Osaka University)

Contribution ID: 3

Type: **not specified**

Connecting theories of flavour to Kaon physics

Saturday, July 27, 2024 10:10 AM (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, July 27, 2024 9:20 AM (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, July 27, 2024 11:10 AM (40 minutes)

Presenter: PORTELLI, Antonin

Session Classification: Season 1

Contribution ID: 6

Type: **not specified**

Discussion I

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

Presenter: D'AMBROSIO, Giancarlo

Session Classification: Season 1

Contribution ID: 7

Type: **not specified**

NA62 results and prospects

Saturday, July 27, 2024 1:40 PM (50 minutes)

Presenter: BRIZOLI, Francesco

Session Classification: Session 2

Contribution ID: 8

Type: **not specified**

Kaon programs in LHCb

Saturday, July 27, 2024 2:30 PM (50 minutes)

Presenter: MARTINEZ, Diego

Session Classification: Session 2

Contribution ID: 9

Type: **not specified**

KOTO results and prospects

Saturday, July 27, 2024 3:50 PM (50 minutes)

Presenter: NOMURA, Tadashi

Session Classification: Session 2

Contribution ID: **10**

Type: **not specified**

CERN's strategy and decision

Saturday, July 27, 2024 5:00 PM (20 minutes)

Presenter: JUETTNER, Andreas

Session Classification: Session 3

Contribution ID: 11

Type: **not specified**

J-PARC Hadron Experimental Facility and extension

Saturday, July 27, 2024 5:20 PM (25 minutes)

Presenter: TAKAHASHI, Hitoshi

Session Classification: Session 3

Contribution ID: 12

Type: **not specified**

KEK's strategy

Saturday, July 27, 2024 9:00 AM (20 minutes)

Presenter: SAITO, Naohito

Contribution ID: 13

Type: **not specified**

Exotic Kaon decays and New Physics

Sunday, July 28, 2024 9:00 AM (40 minutes)

Presenter: DEPPISCH, Frank

Session Classification: Session 4

Contribution ID: 14

Type: **not specified**

KOTO II

Sunday, July 28, 2024 9:40 AM (50 minutes)

Presenter: NANJO, Hajime (Osaka University)

Session Classification: Session 4

Contribution ID: 15

Type: **not specified**

HIKE main electromagnetic calorimeter

Sunday, July 28, 2024 10:40 AM (25 minutes)

Presenter: ROSA, Ilaria

Session Classification: Session 4

Contribution ID: 16

Type: **not specified**

Calorimeter study for KOTO II

Sunday, July 28, 2024 11:05 AM (25 minutes)

Presenter: GEIYOUB, Lim

Session Classification: Session 4

Contribution ID: 17

Type: **not specified**

Discussion II

Sunday, July 28, 2024 11:30 AM (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, July 28, 2024 1:20 PM (40 minutes)

Presenter: HOFERICHTER, Martin

Session Classification: Session 5

Contribution ID: **19**

Type: **not specified**

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

Sunday, July 28, 2024 2:00 PM (40 minutes)

Presenter: CHAO, En-Hung

Session Classification: Session 5

Contribution ID: 20

Type: **not specified**

Discussion III

Sunday, July 28, 2024 3:05 PM (30 minutes)

Presenter: JUETTNER, Andreas

Session Classification: Session 5

Contribution ID: **21**

Type: **not specified**

Break

Sunday, July 28, 2024 3:35 PM (30 minutes)

Contribution ID: 22

Type: **not specified**

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

Sunday, July 28, 2024 4:05 PM (30 minutes)

Presenter: TUNG, Yu-Chen

Session Classification: Session 6

Contribution ID: 23

Type: **not specified**

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

Sunday, July 28, 2024 4:35 PM (30 minutes)

Presenter: GOUDZOVSKI, Evgueni

Session Classification: Session 6

Contribution ID: 24

Type: **not specified**

Straw Tracker

Sunday, July 28, 2024 5:05 PM (25 minutes)

Presenter: DANIELSSON, Hans

Session Classification: Session 6

Contribution ID: 25

Type: **not specified**

Discussion IV

Sunday, July 28, 2024 5:30 PM (50 minutes)

Presenter: LAZZERONI, Cristina

Session Classification: Session 6

Contribution ID: 26

Type: **not specified**

Evolution of the NA62 DAQ towards HIKE

Monday, July 29, 2024 9:20 AM (25 minutes)

Presenter: GAMBERINI, Enrico

Session Classification: Session 7

Contribution ID: 27

Type: **not specified**

KOTO / KOTO II DAQ

Monday, July 29, 2024 9:45 AM (25 minutes)

Presenter: LIN, Chieh

Session Classification: Session 7

Contribution ID: 28

Type: **not specified**

Concepts of a crystalline Small Angle Calorimeter

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

Presenter: SOLDANI, Mattia

Session Classification: Session 7

Contribution ID: 29

Type: **not specified**

Development of nanocomposite scintillators for high-energy physics

Monday, July 29, 2024 10:35 AM (25 minutes)

Presenter: MOULSON, Matthew

Session Classification: Session 7

Contribution ID: **30**

Type: **not specified**

Concluding remarks

Monday, July 29, 2024 11:50 AM (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, July 29, 2024 1:00 PM (1 hour)

Operated by KEK IPNS/J-PARC seminar team

Presenter: LAZZERONI, Cristina

Contribution ID: 32

Type: **not specified**

Recent development of semiconductor detector for the particle physics

Monday, July 29, 2024 11:00 AM (25 minutes)

Presenter: TOGAWA, Manabu (KEK)

Session Classification: Session 7

Contribution ID: 33

Type: **not specified**

Discussion V

Monday, July 29, 2024 11:25 AM (25 minutes)

Presenter: NANJO, Hajime (Osaka)

Session Classification: Session 7

Contribution ID: 34

Type: **not specified**

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

Sunday, July 28, 2024 2:40 PM (25 minutes)

Presenter: DERY, Avital

Session Classification: Session 5

Contribution ID: 35

Type: **not specified**

Low-energy QCD theory from a theoretical perspective

Monday, July 29, 2024 9:00 AM (20 minutes)

Presenter: KAMPF, Karol

Session Classification: Session 7

Contribution ID: **36**

Type: **not specified**

Additional discussion

Monday, July 29, 2024 8:30 AM (30 minutes)

Presenters: SHIOMI, Koji; MOULSON, Matthew