

Flavor Physics Workshop 2024 (FPWS2024)

Report of Contributions

Contribution ID: 2

Type: **not specified**

Opening

Monday, 2 December 2024 14:00 (10 minutes)

幹事の挨拶

Presenter: 中澤, 遊 (KEK)

Contribution ID: 3

Type: **not specified**

Belle II 実験概要と測定器

Monday, 2 December 2024 14:10 (45 minutes)

Presenter: 金道, 玄樹 (Virginia Tech · KEK)

Session Classification: Lecture

Contribution ID: 4

Type: **not specified**

SuperKEKB 加速器

Monday, 2 December 2024 14:55 (45 minutes)

Presenter: 山口, 孝明 (KEK)

Session Classification: Lecture

Contribution ID: 5

Type: **not specified**

フレーバー物理の基礎

Monday, 2 December 2024 16:00 (45 minutes)

Presenter: 曹, 基哲 (お茶大)

Session Classification: Lecture

Contribution ID: 6

Type: **not specified**

タウの物理

Monday, 2 December 2024 16:45 (45 minutes)

Presenter: 早坂, 圭司 (新潟大・KEK)

Session Classification: Lecture

Contribution ID: 7

Type: **not specified**

CP Violation

Tuesday, 3 December 2024 08:50 (45 minutes)

Presenter: 原, 康二 (KEK)

Session Classification: Lecture

Contribution ID: 8

Type: **not specified**

Rare Decay

Tuesday, 3 December 2024 09:35 (45 minutes)

Presenter: 綿貫, 峻 (Cincinnati)

Session Classification: Lecture

Contribution ID: 9

Type: **not specified**

ALICE 実験

Wednesday, 4 December 2024 17:35 (45 minutes)

Presenter: 村上, ひかり (名大・KMI)

Session Classification: Lecture

Contribution ID: **10**

Type: **not specified**

Muon g-2 の最新状況

Tuesday, 3 December 2024 13:45 (45 minutes)

Presenter: 野村, 大輔 (国際医療福祉大)

Session Classification: Lecture

Contribution ID: **11**

Type: **not specified**

量子センシングで観る物理 (**DM**・重力波)

Tuesday, 3 December 2024 14:30 (45 minutes)

Presenter: 伊藤, 飛鳥 (神戸大)

Session Classification: Lecture

Contribution ID: 12

Type: **not specified**

暗黒物質探索 (XENON)

Tuesday, 3 December 2024 17:45 (45 minutes)

Presenter: 小林, 雅俊 (名大・KMI)

Session Classification: Lecture

Contribution ID: 13

Type: **not specified**

クォークセクターの物理

Wednesday, 4 December 2024 08:50 (45 minutes)

Presenter: 両角, 卓也 (広島大)

Session Classification: Lecture

Contribution ID: 14

Type: **not specified**

レプトンフレーバー物理 (**COMET, MEG II, PIONEER**)

Wednesday, 4 December 2024 09:35 (45 minutes)

Presenter: 内山, 雄祐 (KEK)

Session Classification: Lecture

Contribution ID: 15

Type: **not specified**

Belle II 実験

Wednesday, 4 December 2024 13:45 (45 minutes)

Presenter: 宇野, 健太 (KEK)

Session Classification: Lecture

Contribution ID: **16**

Type: **not specified**

機構長特別講演

Wednesday, 4 December 2024 14:30 (45 minutes)

Presenter: 浅井, 祥仁 (KEK)

Session Classification: Lecture

Contribution ID: 17

Type: **not specified**

軽い粒子の物理

Thursday, 5 December 2024 08:50 (45 minutes)

Presenter: 浅井, 健人 (東京大)

Session Classification: Lecture

Contribution ID: **18**

Type: **not specified**

ニュートリノの物理

Thursday, 5 December 2024 09:35 (45 minutes)

Presenter: 谷川, 輝 (KEK)

Session Classification: Lecture

Contribution ID: 19

Type: **not specified**

SuperKEKB 加速器

Monday, 2 December 2024 17:50 (20 minutes)

Presenter: 中村, 勇 (KEK)

Session Classification: 口頭発表

Contribution ID: 20

Type: **not specified**

Reanalysis of W-boson pair production at the ILC

Monday, 2 December 2024 18:10 (20 minutes)

Presenter: 古里, 寛之 (岩手大学)

Session Classification: 口頭発表

Contribution ID: 21

Type: **not specified**

BelleII 実験 TOP カウンター用光検出器 MCP-PMT の 環境依存性評価

Tuesday, 3 December 2024 10:40 (20 minutes)

Presenter: KOMORI, Ryotaro (Nagoya University)

Session Classification: 口頭発表

Contribution ID: 22

Type: **not specified**

Impact of the Electroweak Weinberg Operator on the Electric Dipole Moment of Electron

Tuesday, 3 December 2024 11:00 (20 minutes)

Presenter: 小川, 清人 (名古屋大学)

Session Classification: 口頭発表

Contribution ID: 23

Type: **not specified**

Scotogenic 模型における **Flavored Leptogenesis**

Tuesday, 3 December 2024 11:20 (20 minutes)

Presenter: SEKIKAWA, Yurika (Yokohama National University)

Session Classification: 口頭発表

Contribution ID: 24

Type: **not specified**

Chirality structure of nucleon decay effective interactions and sfermion flavor.

Tuesday, 3 December 2024 11:40 (20 minutes)

Presenter: 高橋, 広季 (東京大学 本郷素粒子論研究室)

Session Classification: 口頭発表

Contribution ID: 25

Type: **not specified**

J-PARC ミューオン **g-2/EDM** 実験における超低速ミューオン診断ビームラインの開発と建設

Tuesday, 3 December 2024 15:45 (20 minutes)

Presenter: 和田, 真優 (東京大学)

Session Classification: 口頭発表

Contribution ID: 26

Type: **not specified**

SO(10)×U(1) 大統一理論における熱的レプトン数生成

Tuesday, 3 December 2024 16:05 (20 minutes)

Presenter: 柴田, 啓伊 (名古屋大学)

Session Classification: 口頭発表

Contribution ID: 27

Type: **not specified**

Asymmetric mediator in scotogenic model

Tuesday, 3 December 2024 16:25 (20 minutes)

Presenter: 山中, 真人 (法政大学)

Session Classification: 口頭発表

Contribution ID: 28

Type: **not specified**

重力波観測実験による **SMEFT** の新物理効果探索

Tuesday, 3 December 2024 16:45 (20 minutes)

Presenter: 端野, 克哉 (福島高専)

Session Classification: 口頭発表

Contribution ID: 29

Type: **not specified**

Dark photon pair production via off-shell dark Higgs at FASER

Tuesday, 3 December 2024 17:25 (20 minutes)

Presenter: NAKASHIMA, Yohei (Kyushu University)

Session Classification: 口頭発表

Contribution ID: 30

Type: **not specified**

Vcb とクォーク伝搬関数の複素共役極

Wednesday, 4 December 2024 10:40 (20 minutes)

Presenter: 梅枝, 宏之 (吉林大学)

Session Classification: 口頭発表

Contribution ID: 31

Type: **not specified**

フレーバー模型におけるレプトン現象論

Thursday, 5 December 2024 10:40 (20 minutes)

Presenter: 清水, 勇介 (開志専門職大学)

Session Classification: 口頭発表

Contribution ID: 32

Type: **not specified**

レプトンフレーバーの破れを伴う **True Muonium** の
崩壊

Wednesday, 4 December 2024 11:20 (20 minutes)

Presenter: 港, 遼太郎 (横浜国立大学理工学府)

Session Classification: 口頭発表

Contribution ID: 33

Type: **not specified**

原子軌道上での $\mu \rightarrow e\gamma$ 崩壊

Thursday, 5 December 2024 11:00 (20 minutes)

Presenter: 上坂, 優一 (獨協医科大学)

Session Classification: 口頭発表

Contribution ID: 34

Type: **not specified**

B アノマリーが示唆する電気双極子モーメントの展望

Wednesday, 4 December 2024 15:35 (20 minutes)

Presenter: 北原, 鉄平 (千葉大学)

Session Classification: 口頭発表

Contribution ID: 35

Type: **not specified**

Vector-Boson-Scattering ZH production in the Feynman-Diagram gauge

Wednesday, 4 December 2024 15:55 (20 minutes)

Presenter: 鈴木, 將太 (岩手大学)

Session Classification: 口頭発表

Contribution ID: 36

Type: **not specified**

SuperKEKB/Belle II 実験の突発的なビームロス事象 の原因究明に向けた音響センサーテストの解析結果

Wednesday, 4 December 2024 16:15 (20 minutes)

Presenter: 岡田, 伊織 (奈良女子大学)

Session Classification: 口頭発表

Contribution ID: 37

Type: **not specified**

SuperKEKB 加速器におけるビームアボートの高速化 とアボート用ビームロス検出器の改良と増設

Wednesday, 4 December 2024 16:35 (20 minutes)

Presenter: URBSCHAT, Bela (名古屋大学)

Session Classification: 口頭発表

Contribution ID: 38

Type: **not specified**

R&D of the EM Calorimeter Energy Calibration with Machine Learning based on the low-level features of the Cluster

Wednesday, 4 December 2024 17:15 (20 minutes)

Presenter: MORIMASA, Suzuna (Osaka Metropolitan University)

Session Classification: 口頭発表

Contribution ID: 39

Type: **not specified**

場の量子論に基づくマヨラナニュートリノの振動確率

Wednesday, 4 December 2024 11:00 (20 minutes)

Presenter: 田原, 智治 (広島大学)

Session Classification: 口頭発表

Contribution ID: 40

Type: **not specified**

Quantum Effects on Neutrino Parameters From a Flavored Gauge Boson

Wednesday, 4 December 2024 11:40 (20 minutes)

Presenter: TREUER, Lukas (KEK, The Graduate U. Adv. Studies (SOKENDAI))

Session Classification: 口頭発表

Contribution ID: 41

Type: **not specified**

Closing

Thursday, 5 December 2024 11:40 (20 minutes)

授賞式

Presenter: 井黒, 就平 (IAR/KMI/KEK)