

Exploration of Particle Physics and Cosmology with Neutrinos Workshop2019

Report of Contributions

Contribution ID: 1

Type: **not specified**

Chief Office (Sou-katsu-han) meeting

Thursday, 13 June 2019 12:00 (1 hour)

Contribution ID: 2

Type: **not specified**

Opening address

Wednesday, 12 June 2019 13:00 (20 minutes)

Presenter: NAKAYA, Tsuyoshi (Kyoto University)

Contribution ID: 3

Type: **not specified**

Closing remarks

Friday, 14 June 2019 12:30 (10 minutes)

Presenter: SATO, Osamu (Nagoya University (JP))

Contribution ID: 4

Type: **not specified**

Super-Kamiokande の有効体積拡張と陽子崩壊探索

Wednesday, 12 June 2019 13:20 (25 minutes)

Presenter: TAKENAKA, Akira (ICRR)

Session Classification: A01

Contribution ID: 5

Type: **not specified**

Hyper-kamiokande のエレクトロニクス、データ収集 システム開発

Wednesday, 12 June 2019 14:10 (25 minutes)

Presenter: KATAOKA, Yousuke (University of Tokyo (JP))

Session Classification: A01

Contribution ID: 6

Type: **not specified**

Super-Kamiokande / Hyper-Kamiokande の大気ニュートリノ解析の展望

Wednesday, 12 June 2019 13:45 (25 minutes)

Presenter: WENDEL, Roger (Kyoto University)

Session Classification: A01

Contribution ID: 7

Type: **not specified**

Toward precise modeling of atmospheric neutrinos and cosmic ray interactions

Thursday, 13 June 2019 13:20 (25 minutes)

Presenter: ITO, Yoshitaka (Nagoya University (JP))

Session Classification: A03

Contribution ID: 8

Type: **not specified**

High Energy Tau Neutrinos with IceCube

Thursday, 13 June 2019 13:45 (25 minutes)

Presenter: LU, Lu (Chiba University)

Session Classification: A03

Contribution ID: 9

Type: **not specified**

Status of IceCube-Gen2 Phase1 (aka IceCube Upgrade)

Thursday, 13 June 2019 14:10 (25 minutes)

Presenter: ISHIHARA, Aya (Chiba University)

Session Classification: A03

Contribution ID: **10**

Type: **not specified**

T2K Physics status and prospect

Friday, 14 June 2019 09:00 (25 minutes)

Presenter: ALI, Ajimi (Kyoto University)

Session Classification: A02

Contribution ID: 11

Type: **not specified**

J-PARC MR power upgrade toward the higher neutrino beam

Friday, 14 June 2019 09:25 (25 minutes)

Presenter: KOBAYASHI, Aine (University of Tokyo (JP))

Session Classification: A02

Contribution ID: 12

Type: **not specified**

NINJA experiment and Neutrino cross sections

Friday, 14 June 2019 09:50 (25 minutes)

Presenter: FUKUDA, Tsutomu (Toho university)

Session Classification: A02

Contribution ID: 13

Type: **not specified**

Syndetic Extension of Baryon and Lepton Numbers

Friday, 14 June 2019 10:35 (25 minutes)

Presenter: TSUMURA, KOJI (Kyoto University)

Session Classification: C02

Contribution ID: 14

Type: **not specified**

Promising processes with charged lepton flavor violation in muonic atoms

Friday, 14 June 2019 11:00 (25 minutes)

Presenter: UESAKA, Yuichi (Saitama University)

Session Classification: C02

Contribution ID: 15

Type: **not specified**

COMET Data Analysis with Deep Learning

Friday, 14 June 2019 11:25 (25 minutes)

Presenter: SATO, Joe (Saitama University)

Session Classification: C02

Contribution ID: 16

Type: **not specified**

Toward new frontiers : Encounter and synergy of state-of-the-art astronomical detectors and exotic quantum beams

Wednesday, 12 June 2019 17:15 (40 minutes)

Presenter: OKADA, Shinji

Session Classification: Invited talk

Contribution ID: 17

Type: **not specified**

Recent progress of Simons Array experiment

Thursday, 13 June 2019 09:00 (25 minutes)

Presenter: KANEKO, Daisuke (Univ. of Tokyo)

Session Classification: A04

Contribution ID: **18**

Type: **not specified**

GroundBIRD - GB NOW

Thursday, 13 June 2019 09:25 (25 minutes)

Presenter: TAJIMA, Osamu (KEK)

Session Classification: A04

Contribution ID: **19**

Type: **not specified**

Readout electronics for CMB experiments

Thursday, 13 June 2019 09:50 (25 minutes)

Presenter: SUZUKI, Junya (Kyoto University)

Session Classification: A04

Contribution ID: 20

Type: **not specified**

Nuclear emulsion production facility

Thursday, 13 June 2019 10:35 (25 minutes)

Presenter: ROKUJO, Hiroki (Nagoya University)

Session Classification: B02

Contribution ID: 21

Type: **not specified**

Improvement of the Nuclear Emulsion Detector

Thursday, 13 June 2019 11:00 (25 minutes)

Presenter: NISHIO, Akira

Session Classification: B02

Contribution ID: 22

Type: **not specified**

Neutrino projects with Nuclear Emulsion

Thursday, 13 June 2019 11:25 (12 minutes)

Presenter: ARIGA, Tomoko (Kyushu University)

Session Classification: B02

Contribution ID: 23

Type: **not specified**

Peripheral projects with Nuclear Emulsion

Thursday, 13 June 2019 11:37 (12 minutes)

Presenter: SATO, Osamu (Nagoya University (JP))

Session Classification: B02

Contribution ID: 24

Type: **not specified**

Neutrinoless Double-Beta Decay and XeGasTPC Development

Thursday, 13 June 2019 14:55 (30 minutes)

Presenter: OBARA, Shuhei (Kyoto University)

Session Classification: B01

Contribution ID: 25

Type: **not specified**

AXEL –MPPC response and readout, and detection of positive ion

Thursday, 13 June 2019 15:25 (20 minutes)

Presenter: NAKAMURA, Kazuhiro (CERN)

Session Classification: B01

Contribution ID: 26

Type: **not specified**

Formation of Strong Drift Field with Cockcroft-Walton Voltage Multiplier in a High-Pressure Xenon Gas TPC

Thursday, 13 June 2019 15:45 (25 minutes)

Presenter: YOSHIDA, Masashi

Session Classification: B01

Contribution ID: 27

Type: **not specified**

Neutrinos, Cosmological Constant, and Number Theory

Wednesday, 12 June 2019 15:25 (30 minutes)

Presenter: WATARI, Taizan (IPMU, Tokyo)

Session Classification: C01

Contribution ID: 28

Type: **not specified**

Oscillating Composite Asymmetric Dark Matter

Wednesday, 12 June 2019 15:55 (25 minutes)

Presenter: NAGAI, Ryo (University of Tokyo, ICRR)

Session Classification: C01

Contribution ID: 29

Type: **not specified**

Baryon asymmetry of the universe via GeV-scale right-handed neutrinos

Wednesday, 12 June 2019 16:20 (25 minutes)

Presenter: EIJIMA, Shintaro

Session Classification: C01

Contribution ID: 30

Type: **not specified**

Asymmetry of electron chirality between enantiomeric pair molecules and the origin of homochirality in nature

Wednesday, 12 June 2019 14:35 (15 minutes)

Presenter: SENAMI, Masato (Kyoto University)

Session Classification: Other Projects

Contribution ID: 31

Type: **not specified**

Towards total neutrino mass constraints through multi-wavelength gravitational lensing measurements

Wednesday, 12 June 2019 17:00 (15 minutes)

Presenter: MIYATAKE, Hironao (Nagoya University)

Session Classification: Other Projects 2

Contribution ID: 32

Type: **not specified**

Late-time entropy production and neutrino oscillation in the early Universe

Wednesday, 12 June 2019 16:45 (15 minutes)

Presenter: KOHRI, Kazunori (KEK)

Session Classification: Other Projects 2

Contribution ID: 33

Type: **not specified**

Direct Measurement of Cosmic-Ray Acceleration Limit in Supernovae

Wednesday, 12 June 2019 14:50 (15 minutes)

Presenter: ASAOKA, Yoichi (Waseda University (JP))

Session Classification: Other Projects

Contribution ID: 34

Type: **not specified**

LHC における長寿命中性レプトンの探索

Friday, 14 June 2019 11:50 (15 minutes)

Presenter: ODA, Susumu (Kyushu University (JP))

Session Classification: Other Projects 3

Contribution ID: 35

Type: **not specified**

Development of a large cheap photon detector with an excellent time resolution

Friday, 14 June 2019 12:05 (15 minutes)

Presenter: MATSUOKA, Kodai (Nagoya University)

Session Classification: Other Projects 3

Contribution ID: 36

Type: **not specified**

Review of young meeting

Friday, 14 June 2019 12:20 (10 minutes)

Presenter: SUZUKI, Yosuke