

FY2022 ICRR Master and Doctor Workshop

Report of Contributions

Contribution ID: 2

Type: **not specified**

XENONnTXXXXXXXX85KrXXXXXXXXXXXX

Friday, 17 February 2023 14:18 (1 hour)

Presenter: XX (KAMINAGA YOSHINO) (Master)

Session Classification: Poster Session



Contribution ID: 3

Type: **not specified**



Friday, 17 February 2023 14:18 (1 hour)

Presenter: ☒☒☒ (YAMAMURA SHUNSEI) (Master)

Session Classification: Poster Session

Contribution ID: 6

Type: **not specified**

Galactic Center Studies with CTA-LST-1

Friday, 17 February 2023 14:18 (1 hour)

Presenter: ██████ (ABE SHOTARO) (Doctor)

Session Classification: Poster Session

Contribution ID: 7

Type: **not specified**

Search for Neutrino Events Coincident with GRB 221009A in Super-Kamiokande

Friday, 17 February 2023 14:18 (1 hour)

Presenter: XUBIN WANG (Doctor)

Session Classification: Poster Session

Contribution ID: 9

Type: **not specified**

Turbulent Re-acceleration of Cosmic Rays as a Mechanism of Radio Mega Halo in Galaxy Clusters

Friday, 17 February 2023 14:18 (1 hour)

Presenter: ☒☒☒ (NISHIWAKI KOSUKE) (Doctor)

Session Classification: Poster Session

Contribution ID: 10

Type: **not specified**

Electromagnetic wave spectrum from radiative cooling electrons in relativistic Alfvén wave

Friday, 17 February 2023 14:18 (1 hour)

Presenter: ☒☒☒ (GOTO RYOTA) (Doctor)

Session Classification: Poster Session

Contribution ID: 11

Type: **not specified**

Detectability of CBC GW events with KAGRA at O4

Friday, 17 February 2023 14:18 (1 hour)

Presenter: ☒☒☒ (KATO TAKASHI) (Doctor)

Session Classification: Poster Session

Contribution ID: 12

Type: **not specified**

Constraint on the progenitor of Binary Black Hole merger using extremely metal-poor population

Friday, 17 February 2023 14:18 (1 hour)

Presenter: ☒☒☒ (IWAYA MASAKI) (Doctor)

Session Classification: Poster Session

Contribution ID: 13

Type: **not specified**

Cosmological-Scale HI Distribution Around Galaxies and AGN Probed with the HETDEX and SDSS Spectroscopic Data

Friday, 17 February 2023 14:18 (1 hour)

Presenter: DONGSHENG SUN (Doctor)

Session Classification: Poster Session

Contribution ID: 15

Type: **not specified**

**XXXXXXXXKAGRAXXXXXXXXXXXXXXXXXXXXX(Search and
Characterization of Transient Noises Appearing in
Gravitational-wave Telescope KAGRA)**

Friday, 17 February 2023 13:30 (12 minutes)

Presenter: XX (CHIBA RENICHI) (Master)

Session Classification: Japanese and English Oral Session 1 (Master)

Contribution ID: 16

Type: **not specified**

Deep Convolutional Neural Network for detecting GW signals from Compact Binaries

Friday, 17 February 2023 13:42 (12 minutes)

Presenter: GARG SUYOG (Master)

Session Classification: Japanese and English Oral Session 1 (Master)

Contribution ID: 17

Type: **not specified**

Shock-driven instabilities in the transrelativistic regime

Friday, 17 February 2023 13:54 (12 minutes)

Presenter: THÉO ABOUNNASR (Master)

Session Classification: Japanese and English Oral Session 1 (Master)

Contribution ID: 20

Type: **not specified**

**The Measurement of the Energy Spectrum and
Depth of Maximum Shower Development of
Ultra-High-Energy Cosmic Rays Collected by the
Telescope Array with the Hybrid Trigger
Mode**

Friday, 17 February 2023 15:50 (20 minutes)

Presenter: ☒☒ (SHIN HEUNGSU) (Doctor)

Session Classification: English Oral Session 1 (Doctor)

Contribution ID: 24

Type: **not specified**

Study of VHE gamma-ray emission from Active Galactic Nucleus 1ES 1959+690 with theMAGIC Telescopes(MAGICXXXXXXXXXXXXXXXXX 1ES1958+690XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX)

Friday, 17 February 2023 17:00 (20 minutes)

Presenter: XX (SAKURAI SHUNSUKE) (Doctor)

Session Classification: English Oral Session 2 (Doctor)

Contribution ID: 27

Type: **not specified**

**GeV XXXXXXXXXXXXXXXXXXXXXXXXXXXXNi/Cf
XXXXXXXXXXXXXXXXXXXXXXXXXXXX(Calibration of
Super-Kamiokande detector response using Ni/Cf
sources to reduce energy scale uncertainty in the GeV
region)**

Friday, 17 February 2023 09:13 (12 minutes)

Presenter: XX XXX (SHIMIZU KOTARO) (Master)

Session Classification: Japanese Oral Session 1 (Master)

Contribution ID: 29

Type: **not specified**

XXXXXXXXXXXXXXXXXXXX 50cm XXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX(Performance evaluation of initial
mass-produced 50cm diameter photomultiplier tubes
for the Hyper-Kamiokande)

Friday, 17 February 2023 09:37 (12 minutes)

Presenter: XX XX (YOSHIDA SHUNSUKE) (Master)

Session Classification: Japanese Oral Session 1 (Master)

Contribution ID: 30

Type: **not specified**

XX50cmXXXXXXXXXXXXXXXXXXXX(Evaluation
of the 50cm PMT for the development of the
Hyper-Kaikandeelectronics system)

Friday, 17 February 2023 09:49 (12 minutes)

Presenter: XX (KANESHIMA RYOTA) (Master)

Session Classification: Japanese Oral Session 1 (Master)

Contribution ID: 31

Type: **not specified**

ALPACA2 (Dynamic range extension of the 2-inch-diameter photomultiplier tube for the ALPACA experiment)

Friday, 17 February 2023 10:23 (12 minutes)

Presenter: (KAWASHIMA TERUYOSHI) (Master)

Session Classification: Japanese Oral Session 2 (Master)

Contribution ID: 33

Type: **not specified**

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**TAXXXXXXXXXXXXXXXXXXXX(Development of an Efficient
Method in CTA Monte Carlo Simulations by
Analyzing Air Shower Initial Interactions)**

Friday, 17 February 2023 10:47 (12 minutes)

Presenter: XX (MIWA MASATAKA) (Master)

Session Classification: Japanese Oral Session 2 (Master)

Contribution ID: 34

Type: **not specified**

KAGRA XXXXXXXXXXXXXXXXXXXX(Characterization and Control of Cryogenic Suspension in KAGRA)

Friday, 17 February 2023 10:59 (12 minutes)

Presenter: XX XX (TAMAKI MASAHIDE) (Master)

Session Classification: Japanese Oral Session 2 (Master)

Contribution ID: 35

Type: **not specified**

XXXXXXXXXX-XXXXXXXXXX(Detectability of
**gravitational waves from high-mass black hole -
disk systems**)

Friday, 17 February 2023 11:11 (12 minutes)

Presenter: XXXX (KIBUKAWA HIROFUMI) (Master)

Session Classification: Japanese Oral Session 2 (Master)

Contribution ID: 38

Type: **not specified**

**CTAXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX(Search for
Primordial Black Holes with the First Large Size
Telescope)**

Friday, 17 February 2023 11:54 (12 minutes)

Presenter: XXXXX (KANAMORI SHOTARO) (Master)

Session Classification: Japanese Oral Session 3 (Master)

Contribution ID: 39

Type: **not specified**

Affleck-DineXXXXXXXXXXXXXXXXXXXX(Primordial black holes from Affleck-Dine mechanism)

Friday, 17 February 2023 12:06 (12 minutes)

Presenter: XX XXX (KASAI KENTARO) (Master)

Session Classification: Japanese Oral Session 3 (Master)

Contribution ID: 40

Type: **not specified**

XXXXXXXXXXXXXXXXXXXX(**Precise Estimate of Charged Wino
Decay Rate**)

Friday, 17 February 2023 12:18 (12 minutes)

Presenter: XXX (MISHIMA MASATAKA) (Master)

Session Classification: Japanese Oral Session 3 (Master)

Contribution ID: 41

Type: **not specified**

XXXXXXXXXXXXXXXX 50 cm XXXXXXXXXXXX
XXXXXXXXXXXXXXXX (Investigation of the Impact of Magnetic
Field on 50 cm Diameter Photomultiplier Tubes for
Hyper-Kamiokande)

Friday, 17 February 2023 10:01 (12 minutes)

Presenter: XX XX (TOMIYA TAKUYA) (Master)

Session Classification: Japanese Oral Session 1 (Master)

Contribution ID: 42

Type: **not specified**

Redshift Evolution of the Electron Density in the ISM at $z \approx 0-9$ Uncovered with JWST/NIRSpec Spectra and Line-Spread Function Determinations

Friday, 17 February 2023 14:18 (1 hour)

Presenter: 伊藤 悠希 (ISOBE YUKI) (Doctor)

Session Classification: Poster Session

Contribution ID: 43

Type: **not specified**

Greetings

Friday, 17 February 2023 09:00 (1 minute)

Presenter: 中畑 昌之 (NAKAHATA MASAYUKI)

Session Classification: Opening Remarks