

FY2024 ICRR Master and Doctor Workshop

Report of Contributions

Contribution ID: 17

Type: **not specified**

Spin Distribution of
Binary Black Holes Estimated with
Gravitational-wave Data

Friday, 21 February 2025 09:35 (12 minutes)

Presenter: (KOBAYASHI KAZUYA)

Session Classification: Oral Presentation (Master 5 students)

Contribution ID: 19

Type: **not specified**

**CTA-LST SiPM
Development of front-end circuits
for the semiconductor photodetector SiPM camera
for the gamma-ray telescopes CTA-LST**

Friday, 21 February 2025 09:59 (12 minutes)

Presenter: (TAKUMI ITOKAWA)

Session Classification: Oral Presentation (Master 5 students)

Contribution ID: 21

Type: not specified

Cosmic Reionization and Early Nucleosynthesis Probed by Near-Infrared Observations with James Webb Space Telescope

Friday, 21 February 2025 10:11 (12 minutes)

Presenter: 南 中 (MINAMI NAKANE)

Session Classification: Oral Presentation (Master 5 students)



Contribution ID: 22

Type: **not specified**



**of the highest-energy cosmic ray energy spectrum
using inclined air showers with the extended surface
detector array of the Telescope Array experiment**

Friday, 21 February 2025 10:50 (12 minutes)

Presenter: ☒☒☒ (CHISATO KOYAMA)

Session Classification: Oral Presentation (Master 4 students)

Contribution ID: 23

Type: **not specified**

XXXXXXXXXXXXXXXXXXXXRevisiting Composite Axion ModelsX

Friday, 21 February 2025 11:02 (12 minutes)

Presenter: XX (TAKAFUMI AOKI)

Session Classification: Oral Presentation (Master 4 students)

Contribution ID: 24

Type: **not specified**

XXXXXXXXXXXXXXXXXXXX**Lattice simulation of an
Inflationary Universe**XXXXXXXXXXXX

Friday, 21 February 2025 11:14 (12 minutes)

Presenter: XX XX (SHUNSUKE TSUCHIDA)

Session Classification: Oral Presentation (Master 4 students)

Contribution ID: 27

Type: **not specified**

Study of Pulsed Emission of the Crab Pulsar with a High Time Resolution Optical Photon Counting Imager

Friday, 21 February 2025 13:50 (20 minutes)

Presenter: (KAZUAKI HASHIYAMA)

Session Classification: Oral Presentation (Doctor 3 students)



Contribution ID: 28

Type: **not specified**



**for diffuse supernova neutrino background using
Neural Network for neutron capture event selection
in Super-Kamiokande after gadolinium loading)**

Friday, 21 February 2025 14:10 (20 minutes)

Presenter: 田中 (YUKI KANEMURA)

Session Classification: Oral Presentation (Doctor 3 students)

Contribution ID: 29

Type: **not specified**

Origin of the matter structure and nucleon decay

Friday, 21 February 2025 14:30 (20 minutes)

Presenter: (KEIICHI WATANABE)

Session Classification: Oral Presentation (Doctor 3 students)

Contribution ID: 30

Type: **not specified**

(English) Kinematics at the Early Stage of Galaxy Formation Probed by Deep Optical and Near-Infrared Spectroscopy

Friday, 21 February 2025 15:05 (20 minutes)

Presenter: YI XU

Session Classification: Oral Presentation (Doctor 3 students)

Contribution ID: 31

Type: **not specified**

(English) Demographics of the High-z Galaxy Dynamics Probed with ALMA

Friday, 21 February 2025 15:25 (20 minutes)

Presenter: DONGSHENG SUN

Session Classification: Oral Presentation (Doctor 3 students)

Contribution ID: 32

Type: **not specified**

(English) Hierarchical Inference of Binary Black Hole Spin Distribution with an Analytical Joint Prior of Effective Spin Parameters

Friday, 21 February 2025 15:45 (20 minutes)

Presenter: 伊和 雅志 (IWAYA MASAKI)

Session Classification: Oral Presentation (Doctor 3 students)

Contribution ID: 33

Type: **not specified**

(English) Detection of the Most Distant FSRQ OP 313 with LST-1 and New Constraints on the Extragalactic Background Light through GeV-TeV Gamma-Ray Observations

Friday, 21 February 2025 16:20 (20 minutes)

Presenter: JOSHUA RYO BAXTER

Session Classification: Oral Presentation (Doctor 4 students)

Contribution ID: 34

Type: **not specified**

(English) TeV Gamma-Ray Emission across the Galactic Center Ridge with the First CTA Large-Sized Telescope

Friday, 21 February 2025 16:40 (20 minutes)

Presenter: 榎田 翔太郎 (SHOTARO ABE)

Session Classification: Oral Presentation (Doctor 4 students)

Contribution ID: 35

Type: **not specified**

(English) Neutrino mass ordering determination using atmospheric neutrinos with neutron detection in Super-Kamiokande

Friday, 21 February 2025 17:00 (20 minutes)

Presenter: 〇〇〇〇 (SHINTARO MIKI)

Session Classification: Oral Presentation (Doctor 4 students)

Contribution ID: 36

Type: **not specified**

(English) Searches for High Energy Astrophysical Neutrinos in Super Kamiokande

Friday, 21 February 2025 17:20 (20 minutes)

Presenter: XUBIN WANG

Session Classification: Oral Presentation (Doctor 4 students)

Contribution ID: 37

Type: **not specified**

XENONnTXXXXXXXXVetoXXXXXXXXXXXXXXXXXXXX

Friday, 21 February 2025 12:40 (1 hour)

Presenter: XXXX

Session Classification: Poster session

Contribution ID: **38**

Type: **not specified**

Multi-Messenger Signals from Magnetized Jets

Friday, 21 February 2025 12:40 (1 hour)

Presenter: ☒☒☒

Session Classification: Poster session

Contribution ID: 39

Type: **not specified**

ALPAQUITAXX

Friday, 21 February 2025 12:40 (1 hour)

Presenter: XXXX

Session Classification: Poster session

Contribution ID: 40

Type: **not specified**

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Friday, 21 February 2025 12:40 (1 hour)

Presenter: XXX

Session Classification: Poster session

Contribution ID: 41

Type: **not specified**

Suspension control in KAGRA

Friday, 21 February 2025 12:40 (1 hour)

Presenter: ☒☒☒

Session Classification: Poster session

Contribution ID: 42

Type: **not specified**

Reconstruction to GW signals in KAGRA

Friday, 21 February 2025 12:40 (1 hour)

Presenter: ☒☒☒

Session Classification: Poster session



Contribution ID: 43

Type: **not specified**



Friday, 21 February 2025 12:40 (1 hour)

Presenter:

Session Classification: Poster session

Contribution ID: 44

Type: **not specified**

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Friday, 21 February 2025 12:40 (1 hour)

Presenter: XXXXX

Session Classification: Poster session

Contribution ID: 45

Type: **not specified**

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Friday, 21 February 2025 12:40 (1 hour)

Presenter: XXXXX

Session Classification: Poster session



Contribution ID: 46

Type: **not specified**



Friday, 21 February 2025 12:40 (1 hour)

Presenter:   

Session Classification: Poster session

Contribution ID: 47

Type: **not specified**

ALPAQUITAXXXXXXXXXXXXXXXXXXXX

Friday, 21 February 2025 12:40 (1 hour)

Presenter: XXXX

Session Classification: Poster session



Contribution ID: 48

Type: **not specified**



Friday, 21 February 2025 12:40 (1 hour)

Presenter: 

Session Classification: Poster session

Contribution ID: 49

Type: **not specified**

A Semi-analytic Approach to Ringdown Gravitational Waves

Friday, 21 February 2025 12:40 (1 hour)

Presenter: ☒☒☒☒

Session Classification: Poster session



Contribution ID: 50

Type: **not specified**



Friday, 21 February 2025 12:40 (1 hour)

Presenter:   

Session Classification: Poster session

Contribution ID: 51

Type: **not specified**

Greetings

Friday, 21 February 2025 09:30 (5 minutes)

Presenter: 〇〇〇〇 (SHOICHI OGIO)

Session Classification: Opening remarks