

**6/Research  
Results Presentation Meeting  
of the ICRR Inter-University  
Research Program FY2024**

**Report of Contributions**

Contribution ID: 1

Type: **not specified**

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*Wednesday, 29 January 2025 09:35 (5 minutes)*

**Presenter:** XX, XX, XXXXXXXXXXXXXXXXXXXX

Contribution ID: 2

Type: **not specified**

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*Wednesday, 29 January 2025 09:40 (15 minutes)*

**Presenter:**

Contribution ID: 3

Type: **not specified**

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*Wednesday, 29 January 2025 09:55 (25 minutes)*

**Presenter:** XX XX

Contribution ID: 4

Type: **not specified**



*Wednesday, 29 January 2025 10:20 (20 minutes)*

**Presenter:**     

Contribution ID: 5

Type: **not specified**

*Wednesday, 29 January 2025 13:20 (10 minutes)*

**Presenter:**

Contribution ID: 6

Type: **not specified**

**\*Be-7**

*Thursday, 30 January 2025 11:30 (10 minutes)*

**Presenter:**

Contribution ID: 7

Type: **not specified**

# Implementing parameter estimation for CBC sources using particle swarm optimization

Wednesday, 29 January 2025 18:10 (10 minutes)

**Presenter:** LEE HYUNG WON





Contribution ID: 9

Type: **not specified**

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*Thursday, 30 January 2025 14:50 (10 minutes)*

**Presenter:** XXX

Contribution ID: **10**

Type: **not specified**

*Wednesday, 29 January 2025 11:00 (40 minutes)*

**Presenter:**

Contribution ID: 11

Type: **not specified**

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**Presenter:** XX XX

Contribution ID: 12

Type: **not specified**

*Wednesday, 29 January 2025 13:00 (10 minutes)*

**Presenter:**

Contribution ID: 13

Type: **not specified**

*Wednesday, 29 January 2025 13:10 (10 minutes)*

**Presenter:**

Contribution ID: 14

Type: **not specified**

## **\*Test Run Analysis of KAGRA O4 data for Stochastic Gravitational-Wave Background Search**

*Wednesday, 29 January 2025 17:30 (10 minutes)*

**Presenter:** LIU GUO CHIN

Contribution ID: 15

Type: **not specified**

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*Wednesday, 29 January 2025 13:30 (10 minutes)*

**Presenter:** XXX



Contribution ID: 16

Type: **not specified**

*Thursday, 30 January 2025 14:00 (10 minutes)*

**Presenter:**

Contribution ID: 17

Type: **not specified**

**\*Tibet/SKXXX10TeVX XXXXXXXXXXXXXXXXXXXXX**

*Wednesday, 29 January 2025 13:40 (15 minutes)*

**Presenter:** XX XX

**Contribution ID: 18**

**Type: not specified**

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*Wednesday, 29 January 2025 15:00 (10 minutes)*

**Presenter:** BRONNER, Christophe

Contribution ID: 19

Type: **not specified**

XXXXXXXXXXXXXXXX **SK-Gd**XX

*Thursday, 30 January 2025 09:00 (20 minutes)*

**Presenter:** XX XX

Contribution ID: 20

Type: **not specified**

# Super-Kamiokande Results: Proton Decays and Atmospheric Neutrinos

*Thursday, 30 January 2025 09:20 (20 minutes)*

**Presenter:** XXX

Contribution ID: 21

Type: **not specified**

## Hyper-Kamiokande

*Thursday, 30 January 2025 09:40 (20 minutes)*

**Presenter:**

Contribution ID: 22

Type: **not specified**

**New Photogrammetry Calibration for  
Super-Kamiokande and Hyper-Kamiokande Water  
Purification System R&D for Precision Neutrino**

*Wednesday, 29 January 2025 16:10 (15 minutes)*

**Presenter:** PATRICK DE PERIO

Contribution ID: 23

Type: **not specified**

# Research and Development for XENONnT and future Dark Matter Searches

*Wednesday, 29 January 2025 15:10 (10 minutes)*

Online

**Presenter:** MARTENS KAI



Contribution ID: 24

Type: **not specified**

# **\*An auto-flashing sytem in Hyper-Kamiokande for monitoring the detector evolution with time**

*Wednesday, 29 January 2025 16:25 (10 minutes)*

**Presenter:** LABARGA LUIS

Contribution ID: 25

Type: **not specified**

## **Study for Galactic CR origin using the ALPACA air shower array in Bolivia**

*Wednesday, 29 January 2025 15:20 (10 minutes)*

**Presenter:** MARTIN SUBIETA

Contribution ID: 26

Type: **not specified**

## **Ultra-high-energy cosmic-ray origin studies with the Telescope Array and TAx4 surfacedetector**

**Presenter:** RUBTSOV GRIGORY

Contribution ID: 27

Type: **not specified**

## **\*Ultra-high-energy cosmic-ray origin studies with the Telescope Array and TAx4 surface detector**

*Wednesday, 29 January 2025 16:00 (10 minutes)*

**Presenter:** RUBTSOV GRIGORY

Contribution ID: 28

Type: **not specified**

## **\*Data Taking, Calibrations, Measurements and Analysis with Super-Kamiokande I - VI**

*Wednesday, 29 January 2025 16:50 (10 minutes)*

**Presenter:** OSPINA NATALY

Contribution ID: 29

Type: **not specified**

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Wednesday, 29 January 2025 17:10 (10 minutes)

**Presenter:** TEPPEI KATORI

Contribution ID: 30

Type: **not specified**

# **\*Constraining systematics at T2K and SuperKamiokande oscillation analyses using neutrino-nucleus interaction models**

*Wednesday, 29 January 2025 17:20 (10 minutes)*

**Presenter:** GUILLERMO MEGIAS

Contribution ID: 31

Type: **not specified**

## **\*Filter cavity experiments for the frequency dependent squeezed light for KAGRA**

*Wednesday, 29 January 2025 17:40 (10 minutes)*

**Presenter:** LEE RAY-KUANG



Contribution ID: 32

Type: **not specified**

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*Wednesday, 29 January 2025 17:00 (10 minutes)*

**Presenter:** TEPPEI KATORI

Contribution ID: 33

Type: **not specified**

## **\*Constraining the nature of the emission in PeVatrons observed by Alpaca.**

*Wednesday, 29 January 2025 15:30 (10 minutes)*

**Presenter:** DE LA FUENTE ACOSTA EDUARDO

Contribution ID: 34

Type: **not specified**



Thursday, 30 January 2025 10:10 (10 minutes)

Presenter:

Contribution ID: 35

Type: **not specified**

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*Thursday, 30 January 2025 10:00 (10 minutes)*

**Presenter:** XXXX

Contribution ID: 36

Type: **not specified**

*Thursday, 30 January 2025 10:55 (10 minutes)*

**Presenter:**



Contribution ID: **38**

Type: **not specified**

**SK-Gd**

*Thursday, 30 January 2025 10:35 (10 minutes)*

**Presenter:**

Contribution ID: 39

Type: **not specified**

**MeV**

*Thursday, 30 January 2025 13:40 (10 minutes)*

**Presenter:**



Contribution ID: 40

Type: **not specified**

*Wednesday, 29 January 2025 13:55 (10 minutes)*

**Presenter:**

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open

Contribution ID: 41

Type: **not specified**

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Contribution ID: 42

Type: **not specified**

*Wednesday, 29 January 2025 14:05 (10 minutes)*

**Presenter:**

Contribution ID: 43

Type: **not specified**

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*Wednesday, 29 January 2025 14:15 (10 minutes)*

**Presenter:** XXX

Contribution ID: 44

Type: **not specified**

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*Wednesday, 29 January 2025 14:35 (10 minutes)*

**Presenter:**

Contribution ID: 45

Type: **not specified**

*Wednesday, 29 January 2025 14:25 (10 minutes)*

**Presenter:**

Contribution ID: 46

Type: **not specified**

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*Thursday, 30 January 2025 10:45 (10 minutes)*

**Presenter:** XXX

Contribution ID: 47

Type: **not specified**

**MITSuME**

*Thursday, 30 January 2025 13:20 (10 minutes)*

**Presenter:**



Contribution ID: 48

Type: **not specified**

\*Knee

*Thursday, 30 January 2025 11:05 (15 minutes)*

**Presenter:**

Contribution ID: 49

Type: **not specified**



*Thursday, 30 January 2025 13:00 (10 minutes)*

**Presenter:** XXX

Contribution ID: 50

Type: **not specified**

**\*Study of the signals and reconstruction of cosmic ray events via surface detectors from the Telescope Array and the Pierre Auger cosmic ray detectors**

*Wednesday, 29 January 2025 15:50 (10 minutes)*

**Presenter:** MATTHEWS JOHN

**Contribution ID: 51**

**Type: not specified**

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*Thursday, 30 January 2025 11:20 (10 minutes)*

**Presenter:** XXXX

Contribution ID: 52

Type: **not specified**

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*Thursday, 30 January 2025 13:10 (10 minutes)*

**Presenter:** XXX

Contribution ID: 53

Type: **not specified**

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*Thursday, 30 January 2025 13:50 (10 minutes)*

**Presenter:** 

Contribution ID: 54

Type: **not specified**

*Wednesday, 29 January 2025 10:40 (20 minutes)*

**Presenter:** ☒ ☒

Contribution ID: 55

Type: **not specified**

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*Thursday, 30 January 2025 13:30 (10 minutes)*

**Presenter:** XX



Contribution ID: 56

Type: **not specified**

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*Thursday, 30 January 2025 14:10 (20 minutes)*

**Presenter:** XXXX

Contribution ID: 57

Type: **not specified**

**CLIO VIII**

*Thursday, 30 January 2025 14:30 (20 minutes)*

**Presenter:** TBD

Contribution ID: 58

Type: **not specified**

*Thursday, 30 January 2025 15:00 (5 minutes)*

**Presenter:** ,

Contribution ID: 59

Type: **not specified**



*Thursday, 30 January 2025 15:05 (5 minutes)*

**Presenter:** XXXXX, X, XXXX

Contribution ID: 60

Type: **not specified**

# **Position control system for silicon monolithic suspension in cryogenic gravitational waves detectors**

*Wednesday, 29 January 2025 17:50 (10 minutes)*

**Presenter:** BAWAJ , Mateusz (University of Perugia)