

**第7回ICRR Inter-University Research
Results Presentation Meeting
of the ICRR Inter-University
Research Program FY2025**

Report of Contributions

Contribution ID: 1

Type: **not specified**

Thursday, 29 January 2026 09:50 (5 minutes)

Presenter: ,

Contribution ID: 2

Type: **not specified**

CTA

Friday, 30 January 2026 09:40 (15 minutes)

Presenter:

Contribution ID: 3

Type: **not specified**

CTA MAGIC

Friday, 30 January 2026 09:55 (15 minutes)

Presenter:

Contribution ID: 4

Type: **not specified**

Friday, 30 January 2026 11:05 (10 minutes)

Presenter:

Contribution ID: 5

Type: **not specified**

Friday, 30 January 2026 13:45 (10 minutes)

Presenter:

Contribution ID: 6

Type: **not specified**

XXXXXXXXXXXXXXXXXXXX/Be-
7XXXXXXXXXXXXXXXXXXXX/XXXXXXXXXXXXXXXXXXXX

Presenter: XX XXXXX XX

Contribution ID: 7

Type: **not specified**

Implementing parameter estimation for CBC sources using particle swarm optimization

Presenter: LEE HYUNG WON

Contribution ID: 8

Type: **not specified**

***Development of a novel pulse generator system for
the prototyping and testing of new trigger
electronics for the ALPACA experiment**

Thursday, 29 January 2026 17:40 (10 minutes)

Presenter: ANZORENA MARCOS

Contribution ID: 9

Type: **not specified**

Friday, 30 January 2026 14:50 (10 minutes)

Presenter:

Contribution ID: 10

Type: **not specified**

Friday, 30 January 2026 09:00 (40 minutes)

Presenter:

Contribution ID: 11

Type: **not specified**

TA

Presenter:

Contribution ID: 12

Type: **not specified**



Friday, 30 January 2026 12:10 (10 minutes)

Presenter:

Contribution ID: 13

Type: **not specified**

Friday, 30 January 2026 12:20 (10 minutes)

Presenter:

Contribution ID: 14

Type: **not specified**

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

Presenter: LIU GUO CHIN

Contribution ID: 15

Type: **not specified**

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Presenter:

Contribution ID: 16

Type: **not specified**

Friday, 30 January 2026 14:40 (10 minutes)

Presenter:

Contribution ID: 17

Type: **not specified**

***Tibet/SK10TeV**

Friday, 30 January 2026 11:45 (15 minutes)

Presenter:

Contribution ID: 18

Type: **not specified**

to

Thursday, 29 January 2026 11:15 (10 minutes)

Presenter:

Contribution ID: **19**

Type: **not specified**

MeV

Thursday, 29 January 2026 15:20 (20 minutes)

Presenter: ANDREW SANTOS

Contribution ID: 20

Type: **not specified**

Super-Kamiokande Results: Proton Decays and Atmospheric Neutrinos

Presenter:

Contribution ID: **21**

Type: **not specified**

Hyper-Kamiokande

Presenter:

Contribution ID: 22

Type: **not specified**

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

Thursday, 29 January 2026 16:00 (15 minutes)

Presenter: PATRICK DE PERIO

Contribution ID: 23

Type: **not specified**

Research and Development for XENONnT and future Dark Matter Searches

Thursday, 29 January 2026 16:50 (10 minutes)

Presenter: MARTENS KAI

Contribution ID: 24

Type: **not specified**

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

Presenter: LABARGA LUIS

Contribution ID: 25

Type: **not specified**

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

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**

Presenter: RUBTSOV GRIGORY

Contribution ID: 28

Type: **not specified**

Monitoring and Ensuring the Correct Functioning of UDEAL in the EGADS Detector

Thursday, 29 January 2026 16:40 (10 minutes)

Presenter: OSPINA NATALY

Contribution ID: 29

Type: **not specified**

???

Presenter: TEPPEI KATORI

Contribution ID: 30

Type: **not specified**

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

Thursday, 29 January 2026 16:15 (10 minutes)

Presenter: GUILLERMO MEGIAS

Contribution ID: 31

Type: **not specified**

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

Presenter: LEE RAY-KUANG

Contribution ID: 32

Type: **not specified**

???

Presenter: TEPPEI KATORI

Contribution ID: 33

Type: **not specified**

Constraining the nature of the emission in PeVatrons observed by Alpaca.

Presenter: DE LA FUENTE ACOSTA EDUARDO

Contribution ID: 34

Type: **not specified**

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Thursday, 29 January 2026 13:20 (10 minutes)

Presenter:

Contribution ID: 35

Type: **not specified**

Thursday, 29 January 2026 13:30 (10 minutes)

Presenter:

Contribution ID: 36

Type: **not specified**

*2025

Thursday, 29 January 2026 11:35 (10 minutes)

Presenter: 2025

Contribution ID: 37

Type: **not specified**

CANCELLED: *Self interacting dark matter and gravitational waves

Presenter: NGUYEN LAN

Contribution ID: 38

Type: **not specified**

SK-Gd

Thursday, 29 January 2026 11:45 (10 minutes)

Presenter:

Contribution ID: 39

Type: **not specified**

*MeV

Friday, 30 January 2026 10:40 (10 minutes)

Presenter:

Contribution ID: 40

Type: **not specified**

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Thursday, 29 January 2026 13:40 (10 minutes)

Presenter:

Contribution ID: 41

Type: **not specified**

open

Contribution ID: 42

Type: **not specified**

Thursday, 29 January 2026 13:50 (10 minutes)

Presenter:

Contribution ID: 43

Type: **not specified**

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Presenter:

Contribution ID: 44

Type: **not specified**

*48Ca

Thursday, 29 January 2026 15:10 (10 minutes)

Presenter:

Contribution ID: 45

Type: **not specified**

Thursday, 29 January 2026 14:50 (10 minutes)

Presenter:

Contribution ID: 46

Type: **not specified**

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Thursday, 29 January 2026 11:25 (10 minutes)

Presenter:

Contribution ID: 47

Type: **not specified**

***MIT-SuME**

Friday, 30 January 2026 14:25 (15 minutes)

Presenter:

Contribution ID: 48

Type: **not specified**

Knee

Friday, 30 January 2026 12:00 (10 minutes)

Presenter:

Contribution ID: 49

Type: **not specified**

Friday, 30 January 2026 14:15 (10 minutes)

Presenter:

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**

Presenter: MATTHEWS JOHN

Contribution ID: 51

Type: **not specified**

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7XXXXXXXXXXXXXXXXXXXX/XXXXXXXXXXXXXXXXXXXX

Thursday, 29 January 2026 14:20 (15 minutes)

Presenter: XX XXXXX XX

Contribution ID: 52

Type: **not specified**

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Friday, 30 January 2026 14:05 (10 minutes)

Presenter:

Contribution ID: 53

Type: **not specified**

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Presenter:

Contribution ID: 54

Type: **not specified**

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Friday, 30 January 2026 11:15 (20 minutes)

Presenter:

Contribution ID: 55

Type: **not specified**

CALET

Friday, 30 January 2026 10:20 (10 minutes)

Presenter:

Contribution ID: 56

Type: **not specified**

XIV

Thursday, 29 January 2026 09:55 (25 minutes)

Presenter:

Contribution ID: 57

Type: **not specified**

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Presenter:

Contribution ID: 58

Type: **not specified**

Friday, 30 January 2026 15:30 (5 minutes)

Presenter: ,

Contribution ID: 59

Type: **not specified**

Friday, 30 January 2026 15:35 (5 minutes)

Presenter: ,

Contribution ID: 60

Type: **not specified**

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

Thursday, 29 January 2026 17:30 (10 minutes)

Presenter: BAWAJ , Mateusz (University of Perugia)

Contribution ID: 61

Type: **not specified**

***CTA**

Friday, 30 January 2026 10:10 (10 minutes)

Presenter:

Contribution ID: 62

Type: **not specified**

Thursday, 29 January 2026 14:00 (10 minutes)

Presenter:

Contribution ID: **63**

Type: **not specified**



Thursday, 29 January 2026 15:40 (20 minutes)

Presenter: PRONOST GUILLAUME

Contribution ID: 64

Type: **not specified**

Thursday, 29 January 2026 10:35 (20 minutes)

Presenter:

Contribution ID: 65

Type: **not specified**

Thursday, 29 January 2026 11:55 (10 minutes)

Presenter:

Contribution ID: 66

Type: **not specified**

CLIO

Thursday, 29 January 2026 10:20 (15 minutes)

Contribution ID: 67

Type: **not specified**

Super-Kamiokande Results: Proton Decays and Atmospheric Neutrinos

Thursday, 29 January 2026 10:55 (20 minutes)

Presenter: SEUNGHYUN JUNG

Contribution ID: 69

Type: **not specified**

Thursday, 29 January 2026 14:10 (10 minutes)

Presenter:

Contribution ID: 70

Type: **not specified**

Friday, 30 January 2026 11:35 (10 minutes)

Presenter:

Contribution ID: 71

Type: **not specified**

Friday, 30 January 2026 15:00 (10 minutes)

Presenter:

Contribution ID: 72

Type: **not specified**

*SO2

Friday, 30 January 2026 15:10 (10 minutes)

Presenter:

Contribution ID: 73

Type: **not specified**

2023

Friday, 30 January 2026 15:20 (10 minutes)

Contribution ID: 74

Type: **not specified**

Friday, 30 January 2026 10:30 (10 minutes)

Presenter:

Contribution ID: 75

Type: **not specified**

*962

Thursday, 29 January 2026 15:00 (10 minutes)

Presenter:

Contribution ID: 76

Type: **not specified**



Thursday, 29 January 2026 17:10 (10 minutes)

Presenter: YU-CHUNG LIN ()

Contribution ID: 77

Type: **not specified**

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

Thursday, 29 January 2026 17:50 (10 minutes)

Presenter: RUBTSOV GRIGORY

Contribution ID: 78

Type: **not specified**

Mitigating Noise from Violin Modes in the KAGRA Detector Using Physics-Informed Neural Networks

Thursday, 29 January 2026 17:00 (10 minutes)

Presenter: SUROJIT SAHA

Contribution ID: 79

Type: **not specified**

Filter cavity experiments for the frequency dependent squeezed light for KAGRA

Thursday, 29 January 2026 17:20 (10 minutes)

Presenter: LEE RAY-KUANG