

# **2019 ICRR Master and Doctor Thesis Workshop**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

## Greetings

*Friday, 22 February 2019 09:00 (5 minutes)*

**Presenter:** Prof. ☒☒☒




Contribution ID: 1

Type: **not specified**



*Friday, 22 February 2019 09:05 (12 minutes)*

**Presenter:** 

Contribution ID: **2**

Type: **not specified**

XXXXXXXXLIGOXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

*Friday, 22 February 2019 09:29 (12 minutes)*


**Presenter:** XXXX

Contribution ID: 3

Type: **not specified**

## Peccei-Quinn

*Friday, 22 February 2019 09:17 (12 minutes)*

**Presenter:** 

Contribution ID: 4

Type: **not specified**

# XXXXXXXXKAGRAXXXXPower RecyclingXXXXXXXXXXXXXXXXXXXXXXXXXXXX

*Friday, 22 February 2019 09:41 (12 minutes)*

**Presenter:** XXXX



Contribution ID: 6

Type: **not specified**

XXXXXXXXXXXXXXXXXXXX**50cm**XXXXXXXXXXXXXXXXXXXX

*Friday, 22 February 2019 10:05 (12 minutes)*

**Presenter:** XXXX



Contribution ID: 7

Type: **not specified**

**CTA ████████████████████████████████████████████**

*Friday, 22 February 2019 10:29 (12 minutes)*

**Presenter:** █████

Contribution ID: **8**

Type: **not specified**

**XXXXXXXXKAGRAXXXXDetuned  
RSEXXXXXXXXXXXXXXXXXXXXXXXXXXXX**

*Friday, 22 February 2019 09:53 (12 minutes)*

**Presenter:** XXXX



Contribution ID: **12**

Type: **not specified**



*Friday, 22 February 2019 10:50 (20 minutes)*

**Presenter:** A small redacted area consisting of four cross-hatch boxes.

Contribution ID: 13

Type: **not specified**

XXXXXXXXXX**Peccei-Quinn**XXXXXXXXXX

*Friday, 22 February 2019 11:10 (20 minutes)*

**Presenter:** XXXX

Contribution ID: 14

Type: **not specified**

# KAGRAXXXXXXXXXXXXXXXXXXXX

*Friday, 22 February 2019 11:30 (20 minutes)*

**Presenter:** XXXX



Contribution ID: 15

Type: **not specified**



*Friday, 22 February 2019 11:50 (20 minutes)*

**Presenter:**



Contribution ID: **16**

Type: **not specified**



*Friday, 22 February 2019 12:10 (20 minutes)*

**Presenter:** A small redacted area consisting of three boxes with a cross-hatch pattern.

Contribution ID: 17

Type: **not specified**

# **Early Low-Mass Galaxies Probed by the Gravitational Lensing Technique and Deep Optical/Near-Infrared Imaging Observations**

*Friday, 22 February 2019 13:20 (12 minutes)*

**Presenter:** ████████



Contribution ID: 18

Type: **not specified**

# Physical Processes of Cosmic Reionization Studied by Subaru/HSC Deep Optical Imaging Observations

*Friday, 22 February 2019 13:32 (12 minutes)*

**Presenter:** ☒☒☒☒

Contribution ID: 19

Type: **not specified**

## **Implementing the State Space Approach for Controlling a Suspension System in KAGRA**

*Friday, 22 February 2019 13:44 (12 minutes)*

**Presenter:** 

Contribution ID: 20

Type: **not specified**

## **The Calibration of Super-Kamiokande with 136 new 20" Box and Line Photomultiplier Tubes Designed for Hyper-K**

*Friday, 22 February 2019 14:20 (12 minutes)*

**Presenter:** XIA JUNJIE

Contribution ID: 21

Type: **not specified**

## **Study of Tau appearance in Super-Kamiokande with new event reconstruction and improved neural-network algorithm**

*Friday, 22 February 2019 14:32 (12 minutes)*

**Presenter:** WANG RU

Contribution ID: 22

Type: **not specified**

## **Application of the deep neural network to the analysis of gravitational waves from compact binary coalescences**

*Friday, 22 February 2019 14:08 (12 minutes)*

**Presenter:** ☒☒☒☒

Contribution ID: 23

Type: **not specified**

## **Development and application of cryogenic displacement sensors towards the damping control of KAGRA cryogenic payloads**

*Friday, 22 February 2019 13:56 (12 minutes)*

**Presenter:** XXXX

Contribution ID: 24

Type: **not specified**

## **Search for Neutrinos associated with Solar Flares in Super-Kamiokande**

*Friday, 22 February 2019 14:44 (12 minutes)*

**Presenter:** ☒☒☒☒

Contribution ID: 25

Type: **not specified**

## **Development of a xenon purity monitor for the XENONnT experiment**

*Friday, 22 February 2019 14:56 (12 minutes)*

**Presenter:** ☒☒☒





Contribution ID: 26

Type: **not specified**



*Friday, 22 February 2019 15:08 (32 minutes)*

**Presenter:** ☒☒

**Session Classification:** Poster Session

Contribution ID: 27

Type: **not specified**

## **The optimization of a neutron veto counter in XENON-nT, the highly sensitive dark matter research experiment**

*Friday, 22 February 2019 15:08 (32 minutes)*

**Presenter:** XXX

**Session Classification:** Poster Session

Contribution ID: 28

Type: **not specified**

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*Friday, 22 February 2019 15:08 (32 minutes)*

**Presenter:** XXXX

**Session Classification:** Poster Session

Contribution ID: 29

Type: **not specified**

## **Dark Matter search with high-energy gamma-ray observations**

*Friday, 22 February 2019 15:50 (20 minutes)*

**Presenter:** ☒☒☒

Contribution ID: 30

Type: **not specified**

## **Subaru Census of Early Galaxies in the Hierarchical Structure Formation of the Universe**

*Friday, 22 February 2019 16:10 (20 minutes)*

**Presenter:** ☒☒☒☒

Contribution ID: 31

Type: **not specified**

## **Demographics of the Cold Universe with ALMA: From Inter-Stellar and Circum-Galactic to Cosmic Structures**

*Friday, 22 February 2019 16:30 (20 minutes)*

**Presenter:** ☒☒☒☒

Contribution ID: 32

Type: **not specified**

## **Diffuse Hydrogen Ly $\alpha$ Emission Around Star-Forming Galaxies at High Redshift**

*Friday, 22 February 2019 16:50 (20 minutes)*

**Presenter:** HAIBIN ZHANG

Contribution ID: 33

Type: **not specified**

## **Study of Emissions of Gamma ray Bursts above 10GeV with the Standard and Newly Recovered Data of the Fermi-LAT**

*Friday, 22 February 2019 17:10 (20 minutes)*

**Presenter:** ☒☒☒☒