

# **Denoising in KAGRA 2022**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## Deepclean on O3GK

*Tuesday 4 January 2022 07:00 (20 minutes)*

**Presenter:** YEH, Shu-Wei (Department of Physics, National Tsing Hua University)

**Session Classification:** Denoising in KAGRA

Contribution ID: 2

Type: **not specified**

## Calibration and Data Quality

*Tuesday 18 January 2022 07:00 (30 minutes)*

**Presenter:** Dr CHOU, Chia-Jui (National Yang Ming Chiao Tung University)

**Session Classification:** Denoising in KAGRA

Contribution ID: 3

Type: **not specified**

## Software Injection tests on Deepclean

*Tuesday 15 February 2022 07:00 (30 minutes)*

**Presenter:** Dr CHOU, Chia-Jui (National Yang Ming Chiao Tung University)

**Session Classification:** Denoising in KAGRA

Contribution ID: 4

Type: **not specified**

## Deepclean Denosing of Gravitational Wave using Machine Learning

*Tuesday 25 January 2022 07:00 (30 minutes)*

**Presenter:** Dr CHOU, Chia-Jui (National Yang Ming Chiao Tung University)

**Session Classification:** Denoising in KAGRA

Contribution ID: 5

Type: **not specified**

## Software Injection tests on Deepclean: Injection Data

*Tuesday 1 March 2022 07:00 (20 minutes)*

**Presenter:** YEH, Shu-Wei (Department of Physics, National Tsing Hua University)

**Session Classification:** Denoising in KAGRA

Contribution ID: 6

Type: **not specified**

## Software Injection tests on Deepclean

*Tuesday 8 March 2022 07:00 (20 minutes)*

**Presenter:** YEH, Shu-Wei (Department of Physics, National Tsing Hua University)

**Session Classification:** Denoising in KAGRA

Contribution ID: 7

Type: **not specified**

## **Software Injection Tests on Deepclean: 1275901678 to 1275892158**

*Tuesday 22 March 2022 07:00 (20 minutes)*

**Presenter:** Dr CHOU, Chia-Jui (National Yang Ming Chiao Tung University)

**Session Classification:** Denoising in KAGRA



Contribution ID: 8

Type: **not specified**

## Software Injection Tests on Deepclean: Long Single Frequency Injection

*Tuesday 19 April 2022 07:00 (20 minutes)*

**Presenter:** Dr CHOU, Chia-Jui (National Yang Ming Chiao Tung University)

**Session Classification:** Denoising in KAGRA

Contribution ID: 9

Type: **not specified**

## Software Injection Tests on Deepclean: White Gaussian Background

*Tuesday 10 May 2022 07:00 (20 minutes)*

**Presenter:** YEH, Shu-Wei (Department of Physics, National Tsing Hua University)

**Session Classification:** Denoising in KAGRA

Contribution ID: **10**

Type: **not specified**

## Software Injection Tests on Deepclean

*Tuesday 17 May 2022 07:00 (20 minutes)*

**Presenter:** YEH, Shu-Wei (Department of Physics, National Tsing Hua University)

**Session Classification:** Denoising in KAGRA

Contribution ID: **11**

Type: **not specified**

## Software Injection Tests on Deepclean

*Tuesday 24 May 2022 07:00 (20 minutes)*

**Presenter:** YEH, Shu-Wei (Department of Physics, National Tsing Hua University)

**Session Classification:** Denoising in KAGRA

Contribution ID: 12

Type: **not specified**

## Software Injection Tests on Deepclean

*Tuesday 31 May 2022 07:00 (20 minutes)*

**Presenter:** YEH, Shu-Wei (Department of Physics, National Tsing Hua University)

**Session Classification:** Denoising in KAGRA