

# **2nd Spanish HyperK Workshop**

## **Report of Contributions**

Contribution ID : 1

Type : **not specified**

# Welcome

*Monday, 30 September 2024 11:00 (10)*

**Presenter(s)** : CASADO LECHUGA, María Pilar (UAB/IFAE)

Contribution ID : 2

Type : **not specified**

## **The Hyper-Kamiokande project and far detector**

*Monday, 30 September 2024 11:10 (40)*

**Presenter(s)** : LABARGA, Luis

Contribution ID : 3

Type : **not specified**

## **ND280 upgrade towards ND280++**

*Monday, 30 September 2024 11:50 (30)*

**Presenter(s)** : LUX, Thorsten (IFAE)

Contribution ID : 4

Type : **not specified**

## Status of IWCD

*Monday, 30 September 2024 12:20 (25)*

**Presenter(s)** : FM, Pablo (DIPC)

Contribution ID : 5

Type : **not specified**

## **Status of the geomagnetic field compensation**

*Monday, 30 September 2024 14:15 (20)*

Contribution ID : 6

Type : **not specified**

## **Soak tests for the geomagnetic field compensation system**

*Monday, 30 September 2024 14:35 (20)*

**Presenter(s)** : LABARGA, Luis

Contribution ID : 7

Type : **not specified**

## **Design and installation of WCTE**

*Monday, 30 September 2024 14:55 (20)*



Contribution ID : 8

Type : **not specified**

## Radioactive calibration sources

*Monday, 30 September 2024 15:15 (15)*

Contribution ID : 9

Type : **not specified**

## **Design of the Data Processing Board for the front-end electronics unit**

*Monday, 30 September 2024 15:30 (25)*

Contribution ID : **10**

Type : **not specified**

## **Project and hardware discussion + European strategy**

*Monday, 30 September 2024 16:20 (90)*

Contribution ID : 11

Type : **not specified**

## **Supernova online monitoring from SuperK to HyperK**

*Tuesday, 1 October 2024 09:20 (25)*

Contribution ID : 12

Type : **not specified**

## **WCTE run plan, prospects and first analyses**

*Tuesday, 1 October 2024 09:45 (20)*

Contribution ID : 13

Type : **not specified**

## **Multi-vertex event reconstruction with fiTQun (WCTE)**

*Tuesday, 1 October 2024 10:05 (20)*

Contribution ID : 14

Type : **not specified**

## Physics with the ND280 Upgrade

*Tuesday, 1 October 2024 10:25 (25)*

Contribution ID : 15

Type : **not specified**

## **pynu neutrino analysis software and global fits in the HK era**

*Tuesday, 1 October 2024 11:10 (25)*



Contribution ID : 16

Type : **not specified**

## **Tau neutrino cross-section analysis for HK**

*Tuesday, 1 October 2024 11:35 (25)*

Contribution ID : 17

Type : **not specified**

## **Even faster neutrino oscillation probability calculation**

Contribution ID : **18**

Type : **not specified**

## **Application of novel Bayesian inference methods for neutrino (high-energy physics) analyses**

*Tuesday, 1 October 2024 12:20 (25)*

Contribution ID : **19**

Type : **not specified**

## **Even faster neutrino oscillation probability calculation**

*Tuesday, 1 October 2024 12:00 (20)*

Contribution ID : **20**

Type : **not specified**

## **Physics opportunities + European strategy**

*Tuesday, 1 October 2024 14:15 (90)*