

**Be.HEP Summer Solstice 2023**

# **Report of Contributions**

Contribution ID: 1

Type: **not specified**

# Welcome

*Friday 23 June 2023 09:50 (10 minutes)*

Contribution ID: 2

Type: **not specified**

## Registration and coffee

*Friday 23 June 2023 09:15 (35 minutes)*

Contribution ID: 3

Type: **not specified**

## Reconstructing jets at the LHC

*Friday 23 June 2023 10:00 (25 minutes)*

**Presenters:** MALARA, Andrea (Universite Libre de Bruxelles (BE)); BENECKE, Anna (Universite Catholique de Louvain (UCL) (BE))

Contribution ID: 4

Type: **not specified**

## **Electric-magnetic dualities in various dimensions**

*Friday 23 June 2023 10:30 (25 minutes)*

**Presenter:** LEKEU, Victor (Imperial College London)

Contribution ID: 5

Type: **not specified**

## **Highlights and recent results from the IceCube Neutrino Observatory**

*Friday 23 June 2023 11:20 (25 minutes)*

**Presenter:** Mr SCHLUTER, Felix (Icecube)

Contribution ID: 6

Type: **not specified**

## **Entanglement and symmetries in fundamental interactions**

*Friday 23 June 2023 11:50 (25 minutes)*

**Presenter:** LOW, Ian (Argonne National Lab/Northwestern Univ)

Contribution ID: 7

Type: **not specified**

# **The axion: phenomenological implications and open theoretical problems**

*Friday 23 June 2023 14:15 (25 minutes)*

**Presenter:** NARDI, Enrico



Contribution ID: 8

Type: **not specified**

## **Prospects for the new run of the Ligo-Virgo-Kagra experiments**

*Friday 23 June 2023 14:45 (25 minutes)*

**Presenter:** Mr LALLEMAN, Max (University of Antwerp)

Contribution ID: 9

Type: **not specified**

## 4-top observation at the LHC

*Friday 23 June 2023 15:15 (25 minutes)*

**Presenter:** VAN DEN BOSSCHE, Niels (Ghent University (BE))

Contribution ID: **10**

Type: **not specified**

# **An information-theoretic approach to conformal field theories**

*Friday 23 June 2023 13:45 (25 minutes)*

**Presenter:** VILAR LÓPEZ, Alejandro (University of Santiago de Compostela)