

# **Program of TPC2023**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## **Review on neutrinos**

**Presenter:** Dr DOLAN, Stephen (CERN)

**Session Classification:** Neutrinos I

Contribution ID: 2

Type: **not specified**

## **DUNE Horizontal drift TPC**

**Presenter:** RIVERA JR, David Orlando (Los Alamos National Laboratory (US))

**Session Classification:** Neutrinos I

Contribution ID: 3

Type: **not specified**

## **DUNE vertical drift TPC**

**Presenter:** SOUZA, Henrique (Centre National de la Recherche Scientifique (FR))

**Session Classification:** Neutrinos I

Contribution ID: 4

Type: **not specified**

## **The Global Argon Dark Matter Collaboration : The DarkSide Program: Status and Prospects**

**Presenter:** CARAVATI, Mauro

**Session Classification:** Neutrinos I

Contribution ID: 5

Type: **not specified**

## **T2K/ND280 TPC commissioning at JPARC**

**Presenter:** HENAFF, David (CEA)

**Session Classification:** Neutrinos I

Contribution ID: 6

Type: **not specified**

## **Charge spreading and RC measurement in T2K Resistive Anode Micromegas**

**Presenter:** JOSHI, Shivam (CEA/IRFU, University of Paris-Saclay)

**Session Classification:** Neutrinos I

Contribution ID: 7

Type: **not specified**

# HyperK

**Presenter:** QUILAIN, Benjamin

**Session Classification:** Neutrinos I



Contribution ID: 8

Type: **not specified**

## **Review on axions**

**Presenter:** RINGWALD, Andreas

**Session Classification:** Axions

Contribution ID: **10**

Type: **not specified**

## **Review on neutrino-less double-beta decay**

**Session Classification:** Neutrinos II

Contribution ID: 11

Type: **not specified**

## **Double-beta sources procurement and production**

**Presenter:** GIULIANI, Andrea

**Session Classification:** Neutrinos II

Contribution ID: 12

Type: **not specified**

## **NEXT experiment and Barium tagging**

**Presenter:** GOMEZ CADENAS, Juan Jose (Donostia International Physics Center (DIPC) (ES))

**Session Classification:** Neutrinos II

Contribution ID: 14

Type: **not specified**

## IAXO

**Presenter:** MARGALEJO BLASCO, Cristina (Universidad de Zaragoza (ES))

**Session Classification:** Axions

Contribution ID: 15

Type: **not specified**

## The Migdal effect for low-mass WIMP search

**Presenter:** Dr MAJEWSKI, Pawel (STFC/Rutherford Appleton Laboratory)

**Session Classification:** Axions

Contribution ID: 16

Type: **not specified**

## Review on Dark Matter

**Presenter:** BAUDIS, Laura

**Session Classification:** Dark Matter

Contribution ID: 17

Type: **not specified**

## **T-REX**

**Presenter:** DAFNI, Theopisti (Universidad de Zaragoza (ES))

**Session Classification:** Dark Matter II



Contribution ID: **18**

Type: **not specified**

## **NEWS-G Light Wimp Search**

**Presenter:** PANCHAL, Neha (Postdoctoral Fellow)

**Session Classification:** Dark Matter II

Contribution ID: 19

Type: **not specified**

## **G3 : a facility for reactor neutrinos**

**Presenter:** SAVVIDIS, Georgios

**Session Classification:** Dark Matter II

Contribution ID: 21

Type: **not specified**

## Picosec

**Presenter:** KALLITSOPOULOU, Alexandra (CEA / IRFU / Université Paris-Saclay (FR))

**Session Classification:** Instrumentation

Contribution ID: 22

Type: **not specified**

## **Status of R2D2 cylindrical TPC R&T**

**Presenter:** PIQUEMAL, Fabrice (CNRS)

**Session Classification:** Instrumentation

Contribution ID: 23

Type: **not specified**

## Optical TPC

**Presenter:** DHO , Giorgio

**Session Classification:** Instrumentation

Contribution ID: 24

Type: **not specified**

## **Light readout in DarkSide-20k with cryogenic SiPMs**

**Presenter:** MATTEUCCI, Giuseppe (Università degli Studi di Napoli Federico II)

**Session Classification:** Instrumentation

Contribution ID: 25

Type: **not specified**

## **PandaX III (High Pressure Xenon) and PandaX 4t (liquid Xenon)**

**Presenter:** TAO, Li (Centre National de la Recherche Scientifique (FR))

**Session Classification:** Axions

Contribution ID: 26

Type: **not specified**

## **Beta Imaging with Optical readout Micromegas for anticancer therapy**

**Presenter:** COOLS, Antoine

**Session Classification:** Instrumentation



Contribution ID: 27

Type: **not specified**

## Welcome

**Presenter:** Dr GIOMATARIS, Ioanis (Université Paris-Saclay (FR))

**Session Classification:** Registration

Contribution ID: 28

Type: **not specified**

## **Giomataris Fest**

**Session Classification:** Giomataris Fest

Contribution ID: 29

Type: **not specified**

## **The TPC idea, 50 years ago**

*Wednesday 13 December 2023 14:00 (30 minutes)*

**Presenter:** NYGREN, David

Contribution ID: **30**

Type: **not specified**

## **TPC, the next 50 years**

*Wednesday 13 December 2023 14:30 (30 minutes)*

**Presenter:** GONZALEZ DIAZ, Diego (Universidade de Santiago de Compostela (ES))

Contribution ID: 32

Type: **not specified**

## **Low radioactivity techniques for Large TPCs in rare event searches**

**Presenter:** CEBRIAN GUAJARDO, Susana (Universidad de Zaragoza (ES))

**Session Classification:** Instrumentation

Contribution ID: 33

Type: **not specified**

## **Imaging with muon tomography for nuclear energy applications**

**Presenter:** GOMEZ MALUENDA, Hector (Université Paris-Saclay (FR))

**Session Classification:** Instrumentation

Contribution ID: 34

Type: **not specified**

## Celebrating Yannis

**Presenter:** FERRER RIBAS, Esther (Université Paris-Saclay (FR))

**Session Classification:** Giomataris Fest

Contribution ID: 35

Type: **not specified**

## **Instrumentation developments for the Spherical Detector**

**Presenter:** NEEP, Tom (University of Birmingham (GB))

**Session Classification:** Dark Matter II



Contribution ID: 36

Type: **not specified**

## Conferences initiated by Yannis

**Presenter:** COLAS, Paul (Université Paris-Saclay (FR))

**Session Classification:** Giomataris Fest

Contribution ID: 37

Type: **not specified**

## The CAST adventure

**Presenter:** Dr PAPAEVANGELOU, Thomas (Irfu, CEA, Université Paris-Saclay)

**Session Classification:** Giomataris Fest

Contribution ID: **38**

Type: **not specified**

## **The beginings of Micromegas**

**Presenter:** JEANNEAU, Fabien (Université Paris-Saclay (FR))

**Session Classification:** Giomataris Fest