

Double Beta Decay: the road to normal hierarchy sensitivity



Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome

Monday, June 6, 2022 9:00 AM (10 minutes)

Presenters: MANEIRA, Jose (LIP); PIMENTA, Mário (LIP)

Contribution ID: 2

Type: **not specified**

Neutrino Physics Overview

Monday, June 6, 2022 9:10 AM (40 minutes)

Presenter: TÓRTOLA, Mariam (IFIC (CSIC/Universitat de València))

Session Classification: Overview Session I

Contribution ID: 3

Type: **not specified**

Calculations of the nuclear matrix elements for double-beta decay: an overview of the present status

Monday, June 6, 2022 9:50 AM (40 minutes)

Presenter: CORAGGIO, Luigi (University of Campania "Luigi Vanvitelli" and Naples INFN Unit)

Session Classification: Overview Session I

Contribution ID: 4

Type: **not specified**

Neutrino Mass Model

Monday, June 6, 2022 10:50 AM (40 minutes)

Presenter: VALLE, José W F (IFIC, Valencia)

Session Classification: Overview Session II

Contribution ID: 5

Type: **not specified**

Status and prospects of the NEXT experiment

Monday, June 6, 2022 2:00 PM (40 minutes)

Presenter: BERNARDES MONTEIRO, Cristina (LIBPhys, Department of Physics, University of Coimbra)

Session Classification: Current and Future Experiments I

Contribution ID: 6

Type: **not specified**

GERDA / LEGEND

Monday, June 6, 2022 2:40 PM (40 minutes)

Presenter: SCHÖNERT, Stefan (TUM)

Session Classification: Current and Future Experiments I

Contribution ID: 7

Type: **not specified**

CUPID: Cuore Upgrade with Particle IDentification

Monday, June 6, 2022 3:20 PM (40 minutes)

Presenter: BELLINI, Fabio (Sapienza Università di Roma)

Session Classification: Current and Future Experiments I

Contribution ID: **8**

Type: **not specified**

LEGEND R&D

Tuesday, June 7, 2022 1:30 PM (40 minutes)

Presenter: SAAKYAN, Ruben (University College London)

Session Classification: Experiments R&D

Contribution ID: 9

Type: **not specified**

Loaded Liquid Scintillator Approach for a NH $0\nu\beta\beta$ Experiment

Tuesday, June 7, 2022 2:10 PM (40 minutes)

Presenter: BILLER, Steve (University of Oxford)

Session Classification: Experiments R&D

Contribution ID: 10

Type: **not specified**

Beyond CUPID: bolometric technological developments toward the exploration of the normal hierarchy

Tuesday, June 7, 2022 2:50 PM (40 minutes)

Presenter: GIULIANI, Andrea (CNRS / IN2P3)

Session Classification: Experiments R&D

Contribution ID: **11**

Type: **not specified**

Closing Remarks

Tuesday, June 7, 2022 5:30 PM (30 minutes)

Contribution ID: 12

Type: **not specified**

SNO+

Tuesday, June 7, 2022 9:00 AM (40 minutes)

Presenter: BARROS, Nuno (LIP)

Session Classification: Current and Future Experiments II

Contribution ID: 13

Type: **not specified**

Theia

Tuesday, June 7, 2022 9:40 AM (40 minutes)

Presenter: WURM, Michael (Johannes Gutenberg-University Mainz)

Session Classification: Current and Future Experiments II