Session Program

Feb 18 – 26, 2021

XIX International Workshop on Neutrino Telescopes

Double Beta decays and Neutrino Masses

Online

Tue, February 23

10:00 AM

Double Beta decays and Neutrino Masses: (Room 1)

Session | **Location:** https://unipd.link/NeuTel-ParallelRoom1, Room 1 | **Conveners:** Fabio Pupilli, Filippo Varanini

10:00 – 10:20 AM **Latest results from the CUORE experiment**

Speaker
Dr Guido Fantini

10:20 – 10:40 AM **KamLAND-Zen 800**

Speaker
Hideyoshi Ozaki

10:40 – 11:00 AM **Status and prospects of the NEXT experiment**

Speaker
Dr Lior Arazi

11:00 – 11:20 AM
The GERDA experiment in the search for neutrinoless double-beta decay

Speaker
Tommaso Comellato

11:20 AM

11:35 AM

Double Beta decays and Neutrino Masses: (Room 1)

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11:35 – 11:40 AM **Search for light exotic fermions in double beta decay**

Speaker
Ms Elisabetta Bossio

11:40 – 11:45 AM
The FBI concept in the context of Ba-tagging for neutrinoless double beta decay events

Speaker
Prof. Zoraida Freixa

11:45 – 11:50 AM **Double beta decay results from the CUPID-0 experiment**

Speaker
Emanuela Celi

11:50 – 11:55 AM **The search for 0νECβ+ of 120Te with CUORE**

Speaker
Alice Campani

11:55 AM – 12:05 PM **Discussion Time**

12:05 – 12:10 PM
Scintillating Li2MoO4 Bolometers for neutrinoless double beta decay search

Speaker
Alberto Ressa

12:10 – 12:15 PM
γ background reduction in $0\nu\beta\beta$ searches with organic compound holder

Speaker
Mr Stefano Ghislandi

12:15 – 12:20 PM **Developing the next neutrino mass experiment: Project 8 Phase III**

Speaker
Juliana Stachurska

12:20 – 12:25 PM
A novel technique for the study of pile-up events in cryogenic bolometers

Speaker
Stefano Dell'Oro

12:25 – 12:30 PM
Latest results of the R2D2 project: a possible future neutrino double beta decay experiment

Speaker
Dr Tom Neep

12:30 – 12:40 PM **Discussion Time**

12:40 PM

5:30 PM

Double Beta decays and Neutrino Masses: (Room 1)

Session | **Location:** https://unipd.link/NeuTel-ParallelRoom1, Room 1 | **Conveners:** Chiara Sirignano, Christian Farnese

5:30 – 5:50 PM **The LEGEND neutrinoless double-beta decay program**

Speaker
Reyco Henning

5:50 – 6:10 PM **Status of the Majorana Demonstrator**

Speaker
Ian Guinn

6:10 – 6:30 PM **The nEXO search for neutrinoless double beta decay**

Speaker
Dr Brian Lenardo

6:30 – 6:50 PM **Tritium Results from Project 8 Phase II**

Speaker
Walter Pettus

6:50 PM

Wed, February 24

10:00 AM

Double Beta decays and Neutrino Masses: (Room 1)

Session | **Location:** https://unipd.link/NeuTel-ParallelRoom1, Room 1 | **Conveners:** Fabio Pupilli, Christian Farnese

10:00 – 10:20 AM **.**

10:20 – 10:40 AM

CUPID: a next generation bolometric neutrinoless double beta decay experiment

Speaker
Andrea Giuliani

10:40 – 11:00 AM

The CUPID-Mo experiment for the search of neutrinoless double beta decay

Speaker
Pia Loaiza

11:00 – 11:20 AM **First KATRIN results: search for light sterile neutrinos**

Speaker
Mr Thierry Lasserre

11:20 AM