Session Program

Jul 4 – 11, 2012

ICHEP2012

TR 8 - Neutrinos RM 219

Melbourne Convention and Exhibition Centre
Melbourne Australia

Thu, July 5

9:00 AM

TR 8 - Neutrinos RM 219

Session | **Location:** Melbourne Convention and Exhibition Centre, Room 217, Melbourne Australia

9:00 – 9:15 AM

Status and plans with the GERDA experiment to probe the nature of neutrinos

Speaker
Dr Bela Majorovits

9:15 – 9:30 AM

Status of the Cuore experiment at Gran Sasso

Speaker
Dr Sergio Di Domizio

9:30 – 9:45 AM

Search for Neutrinoless Double Beta Decay in Xenon 136 with the Enriched Xenon Observatory (EXO)

Speaker
Dr Peter C. Rowson

9:45 – 10:00 AM

Latest results from the NEMO-3 experiment and status of SuperNEMO

Speaker
Prof. Karol Lang

10:00 – 10:15 AM

Results from KamLAND-Zen double-beta decay experiment with 136Xe

Speaker
Dr Satoru Yamada

10:15 – 10:30 AM

The KATRIN neutrino mass experiment

Speaker
Dr Volker Hannen

10:30 – 11:00 AM

Refreshment Break

11:00 – 11:15 AM

Double Chooz: new results on the theta_13 mixing angle

Speaker
Dr Pau Novella Garijo

11:15 – 11:30 AM

First Results of the Daya Bay Reactor Neutrino Experiment

Speaker
Dr Liangjian Wen

11:30 – 11:45 AM

MINOS neutrino oscillation results

Speaker
Dr Giles Barr

11:45 AM – 12:00 PM

Results from T2K

Speaker
Dr Ken Sakashita

12:00 – 12:15 PM
Measurement of the muon neutrino flux and inclusive charged-current cross-section at T2K's near detector

Speaker
Ms Melody Ravonel

12:15 – 12:30 PM
Measurement of NC pi0 production and CC interactions using the ND280 P0D.

Speaker
Dr Glenn Lopez

12:30 – 12:45 PM **Neutrino cross section measurements at MINERvA**

Speaker
Mr Rick Snider

12:45 – 2:00 PM **Lunch Break**

2:00 – 2:15 PM **Recent Cross Section Measurements from MiniBooNE**

Speaker
Dr Heather Ray

2:15 – 2:30 PM
Model independent determination of the axial mass parameter in quasielastic neutrino-nucleon scattering

Speaker
Prof. Richard Hill

2:30 – 2:45 PM
The ArgoNeuT and MicroBooNE Experiments at Fermi National Accelerator Laboratory

Speaker
Prof. Mitchell Soderberg

2:45 – 3:00 PM
Short baseline neutrino and anti-neutrino oscillation studies at the CERN-SPS.

Speaker
Prof. Maximiliano Sioli

3:00 – 3:15 PM
New results of the OPERA long-baseline experiment in the CNGS neutrino beam

Speaker
Prof. Maximiliano Sioli

3:15 – 3:30 PM
Status of the OPERA search for muon-neutrino to tau-neutrino oscillations

Speaker
Dr Marilisa De Serio

3:30 – 3:45 PM **LAGUNA-LBNO: a very long baseline neutrino oscillation experiment**

Speaker
Dr Silvestro Di Luise

3:45 – 4:00 PM **Refreshment Break**

4:00 – 4:15 PM
The search for CP violation and the determination of the neutrino mass hierarchy in NOnuA and LBNE

Speaker
Dr Jonathan Paley

4:15 – 4:30 PM **The Hyper-Kamiokande Experiment**

Speaker
Dr Hiroyuki Sekiya

4:30 – 4:45 PM **CP Violation at a Neutrino Factory**

Speaker
Prof. Kenneth Long

4:45 – 5:00 PM **Getting the best out of T2K and NOvA**

Speaker
Mr Suprabh Prakash

5:00 – 5:15 PM **The Neutrino Flavour Puzzle in the Light of Large Theta_13**

Speaker
Prof. Stefan Antusch

5:15 – 5:30 PM **Large \theta_{13} from minimal SO(10) unification**

Speaker
Prof. Kaladi S. Babu

5:30 – 5:45 PM **The Simplest Neutrino Mass Matrix Revisited**

Speaker
Prof. Paul Fraser Harrison

5:45 – 6:00 PM
Renormalization Group Running of Physical Parameters in Neutrino Models and Extra Dimensions

Speaker
Prof. Tommy Ohlsson

6:00 PM