

Session Program

30 May 2016 to 1 June 2016



PhyStat-v Workshop on Statistical Issues in Experimental Neutrino Physics

**Contributed and invited talks and discussions
on statistical methods and issues**

Tuesday 31 May

11:30

Contributed and invited talks and discussions on statistical methods and issues

Session

11:30–12:05

Combination of Current and Historical Cross Section Data

Speaker

Dr Callum Wilkinson

12:40

12:05–12:40

Statistical Issues in Neutrino Event Reconstruction

Speaker

Dr Richard Calland

14:00

Contributed and invited talks and discussions on statistical methods and issues

Session

14:00–14:35

Searching for PeV neutrinos with IceCube

Speaker

Dr Lu Lu

14:35–15:10

Event Classification

Speaker

Shiro Ikeda

15:10–15:45

Computational Aspects of Statistical Methods

Speaker

Michael Betancourt

15:45–16:15

Tea and Coffee

16:15–16:50

Cosmological Constraints on Neutrino Properties

Speaker

Francisco Villaescusa-Navarro

16:50–17:25

Three-Neutrino Mixing Fits

Speaker

Bergstrom Johannes

17:25–18:00

Frequentist & Bayesian Bounds and Data Presentation

Speaker

Steve Biller

18:00

Wednesday 1 June

09:00

Contributed and invited talks and discussions on statistical methods and issues

Session

09:00–09:35

Status of Global Sterile Neutrino Fits

Speaker

Gabriel Collin

09:35–10:10

Neutrino Mass Hierarchy at JUNO and Related Statistical Issues

Speaker

Yufeng Li

10:10–10:40

Tea and Coffee

10:40–11:15

Sensitivity to the Neutrino Mass Hierarchy

Speaker

Emilio Ciuffoli

11:15–11:50

The KM3NeT/ORCA detector

Speaker

Dr Ronald Bruijn

11:50–12:30

Generative Modelling as a Basis for Statistics

Speaker

Michael Betancourt

12:30–13:15

Multiple Hypothesis Testing and Testing One Hypothesis Multiple Times: a unified (re)view

Speaker

Ms Sara Algeri

13:15