



# PhyStat-v Workshop on Statistical Issues in Experimental Neutrino Physics

## Tuesday 31 May 2016

### Contributed and invited talks and discussions on statistical methods and issues (11:30-12:40)

| time  | [id] title  | presenter            |
|-------|---|----------------------|
| 11:30 | [10] Combination of Current and Historical Cross Section Data | Dr WILKINSON, Callum |
| 12:05 | [11] Statistical Issues in Neutrino Event Reconstruction      | Dr CALLAND, Richard  |

### Contributed and invited talks and discussions on statistical methods and issues (14:00-18:00)

| time  | [id] title   | presenter                      |
|-------|--|--------------------------------|
| 14:00 | [39] Searching for PeV neutrinos with IceCube            | Dr LU, Lu                      |
| 14:35 | [12] Event Classification                                | IKEDA, Shiro                   |
| 15:10 | [21] Computational Aspects of Statistical Methods        | BETANCOURT, Michael            |
| 15:45 | Tea and Coffee   |                                |
| 16:15 | [13] Cosmological Constraints on Neutrino Properties     | VILLAESCUSA-NAVARRO, Francisco |
| 16:50 | [15] Three-Neutrino Mixing Fits                          | JOHANNES, Bergstrom            |
| 17:25 | [19] Frequentist & Bayesian Bounds and Data Presentation | BILLER, Steve                  |

# Wednesday 01 June 2016

## Contributed and invited talks and discussions on statistical methods and issues (09:00-13:15)

| time  | [id] title   | presenter           |
|-------|--|---------------------|
| 09:00 | [14] Status of Global Sterile Neutrino Fits  | COLLIN, Gabriel     |
| 09:35 | [41] Neutrino Mass Hierarchy at JUNO and Related Statistical Issues                            | LI, Yufeng          |
| 10:10 | Tea and Coffee   |                     |
| 10:40 | [27] Sensitivity to the Neutrino Mass Hierarchy  | CIUFFOLI, Emilio    |
| 11:15 | [29] The KM3NeT/ORCA detector  | Dr BRUIJN, Ronald   |
| 11:50 | [22] Generative Modelling as a Basis for Statistics  | BETANCOURT, Michael |
| 12:30 | [26] Multiple Hypothesis Testing and Testing One Hypothesis Multiple Times: a unified (re)view | Ms ALGERI, Sara     |