

## Tackling the Neutrino Oscillation Problem

*Thursday, 8 June 2017 18:00 (2 hours)*

In Neutrino Physics we are particularly interested in Neutrino Oscillations. Since the discovery of the oscillations, what we have been trying to do is to make high precision measurements of quantities that interest us. In order to do that, we have to compare our data to the number of events that we expect. But the number of events that we expect is a theoretical prediction that depends on the nuclear model that we are using in each case. This is the reason why I would like to suggest possible ways of tackling the Neutrino Oscillation Problem by constructing observables that are model independent.

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