



Poster session 2 – Tuesday 5 July

P2.051 **Status of global sterile neutrino fits**

G Collin¹, C Arguelles¹, J Conrad¹ and M Shaevitz²

¹Massachusetts Institute of Technology, USA, ²Columbia University, USA

Tension among short baseline neutrino experiments has pointed toward the possible need for one or more additional mass splittings in the existing neutrino oscillation framework. This would require the addition of at least one sterile (non-interacting) neutrino to the current model. The parameters of these models can be constrained with fits to global data. I will present the results of the latest update to our fitting effort.