

In recent years, the neutrino mass paradigm has been established as the standard solution to the observed anomalies in solar and atmospheric neutrino data as well as the KamLAND results and the results of the long baseline experiments. The 3 by 3 neutrino mass matrix contains three mixing angles among which two are already measured. The value of the third mixing angle denoted by θ_{13} is not known but from experiments, an upper bound is derived on its value: $\theta_{13} < 10^\circ$. The exact value of θ_{13} is of interest from model building point of view. In this talk which is based on 1010.1206, we discuss the two-loop correction to θ_{13} within the SM and MSSM.