XXIV Workshop on Weak Interactions and Neutrinos - WIN'13

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\theta_23 and \delta can be measured accurately at the same time

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In precision measurement era the uncertainty of the leptonic CP violating phase \delta will be dominated by error of \theta_23. We argue that the right strategy is to determine \theta_23 and \delta at the same time by using \nu_e appearance channels. We discuss the nature of such measurement including new degeneracy, the \theta_23 intrinsic degeneracy. A detailed simulation with a few selected setup is ongoing, and the results due WIN13 will be reported.

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