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Prospects for measuring CP violation in the Neutrino Sector

STEPHEN PARKE, Fermi National Accelerator Laboratory

Recent indications that electron neutrino flavor content of the third neutrino mass eigenstate is large (θ_{13} large) provides the possibility that measuring CP violation in the Neutrino Sector is much easier than expected even a few months ago. I will review our understanding of the Neutrino Sector and how CP violation is a natural consequence of three flavor mixing, and how the next generation of Long Baseline Neutrino experiments have the real possibility of observing CP violation as well as determination of the mass ordering of the neutrinos. I will also review why we are interested in such CP violation and its consequences for Leptogenesis which maybe the answer to the matter antimatter asymmetry observed in the current Universe.