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Neutrino Physics

Thursday 28 June 2018 11:55 (25 minutes)

After a short introduction to neutrino physics in general the lecture will focus on accelerator-based neutrino-oscillation experiments. A summary of the current status and results of running experiments, in particular NOvA and T2K will be given, to be followed by an overview of the status of the proposed long-baseline experiments Hyper-K, DUNE and ESSnuSB with a special focus on the potential for discovery of leptonic CP violation.

Presenter: EKELOF, Tord Johan Carl (Uppsala University (SE))

Session Classification: Nuclear and Particle physics