

Reactor antineutrinos: anomalies interpretations, and new experiments

Wednesday, 21 December 2016 11:30 (1 hour)

Reactor anti-neutrinos have contributed important insights into neutrino properties. Precision measurements led, however, also to certain discrepancies between simulated neutrino spectra and measurements. The talk will cover aspects of the so-called bump and the flux anomaly, possible explanations and prospects for experimental tests. The talk will in addition cover the potential of certain new reactor experiments.

Presenter: LINDNER, Manfred (MAX-PLANCK-INSTITUT)