

2nd Open Meeting for the Hyper-Kamiokande Project

Contribution ID: 10

Type: **not specified**

Off-Axis Detectors as Direct Measurements of Neutrino Energy Reconstruction

Monday 14 January 2013 10:55 (20 minutes)

Uncertainties in neutrino energy reconstruction in quasi-elastic scattering due to nuclear effects may be a significant systematic uncertainty for oscillations measurements at Hyper-K. We investigate the possibility of directly measuring these misreconstructions in a model-independent way with a series of off-axis near detectors.

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Session Classification: Physics Potential