

2nd Open Meeting for the Hyper-Kamiokande Project

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Off-Axis Detectors as Direct Measurements of Neutrino Energy Reconstruction

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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.

Primary authors: Prof. MCFARLAND, Kevin (University of Rochester); Dr HARTZ, Mark (University of Toronto and York University)

Presenters: Prof. MCFARLAND, Kevin (University of Rochester); Dr HARTZ, Mark (University of Toronto and York University)

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