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**Alignment of the NOvA Detectors** SEBASTIAN BENDING, University College London, NOVA COLLABORATION — NOvA is a long-baseline neutrino oscillation experiment intended to probe the neutrino mass hierarchy and provide constraints on CP violation in the neutrino sector. The experiment consists of a Near Detector at Fermilab and a Far Detector 810 km away at Ash River, Minnesota, both of which receive neutrinos from the NuMI beamline. The misalignment of elements within the detectors contributes to systematic uncertainties in NOvA measurements. A procedure to determine and correct for detector misalignments through the use of cosmic ray muon tracks will be presented.

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