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NuMI-X: An Inter-Collaboration NuMI Beam Working Group

NuMI-X is a consortium comprising Fermilab neutrino experiments collaborating on the modeling of NuMI beam. Its goal is to develop and maintain the best knowledge about NuMI neutrino fluxes relevant to all NuMI experiments. In this poster, we describe the upgraded NuMI facility. The full NuMI beam modelling chain using Monte Carlo generators is outlined. Finally, we discuss the general plans to constrain hadron production across the different NuMI experiments.

Primary authors: Mr RADOVIC, Alexander (University College London); SCHROETER, Raphael (Harvard University)

Co-author: Dr ANGHEL, Ioana (Iowa State)

Presenter: SCHROETER, Raphael (Harvard University)

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