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New Observations by the MiniBooNE Experiment

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The MiniBooNE neutrino oscillation search experiment at Fermilab has recently completed the analysis of anti-neutrino data it has collected in Fermilab's booster neutrino beam. With 5.66×10^{20} protons on target in anti-neutrino mode the experiment is now becoming sensitive to the excess $\bar{\nu}_\mu$ - ν_μ signal observed by LSND. This presentation will discuss the MiniBooNE data, its interpretation, and its implications to the neutrino community.

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