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## General relativistic effects on accretion disk neutrinos

*Tuesday, 4 September 2012 11:30 (30 minutes)*

This talk will address the impact of astrophysical effects on terrestrial neutrino detectors. More specifically, the strong gravitational field around a black hole changes the neutrino fluxes emitted from the surrounding disk. We present effects of general relativity on the nucleosynthesis resulting from the interaction of the neutrinos emitted and matter outflowing such disks.

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