Workshop for young scientists with research interests focused on physics at FAIR



Beitrag ID: 30

Typ: nicht angegeben

General relativistic effects on accretion disk neutrinos

Dienstag, 4. September 2012 11:30 (30 Minuten)

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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