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Hyper-Kamiokande detector

Hyper-Kamiokande (Hyper-K) is a next generation underground water Cherenkov detector. It will serve as a far detector of a long baseline neutrino oscillation experiment envisioned for the upgraded J-PARC, and as a detector capable of observing – far beyond the sensitivity of the Super-Kamiokande detector – proton decays, atmospheric neutrinos, solar neutrinos, supernova neutrinos, and dark matter. I will discuss Hyper-K detector design and current project status.

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