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The Hyper-Kamiokande Experiment

Saturday, 26 August 2017 12:30 (30 minutes)

Hyper-Kamiokande (HK) is a next generation large underground water Cherenkov detector, based on the highly successful Super-Kamiokande experiment. HK is the logical continuation of the highly successful program of neutrino physics and proton decay searches using a water Cherenkov technique, with an order of magnitude larger mass than predecessor experiments. HK will offer a broad science program such as neutrino oscillation studies, proton decay searches, and neutrino astrophysics with unprecedented sensitivities. In this talk I'll present the current status of the HK project and discuss the physics potential of HK.

Topic:

Topic: High Energy Particle Physics

Summary

Primary author: BRAVAR, Sandro (Universite de Geneve (CH))

Presenter: BRAVAR, Sandro (Universite de Geneve (CH))

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