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Status of Hyper-Kamiokande

Friday 8 January 2016 09:30 (30 minutes)

Hyper-Kamiokande is a next-generation water Cherenkov detector whose expected size and detection efficiency will enable it to make contributions to the field of geophysics, in particular studies of the earth's chemical composition, through observations of atmospheric neutrinos. This talk will focus on the status of the Hyper-Kamiokande project and will discuss sensitivity estimates relevant to the measurement of the chemical composition of the outer core.

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Session Classification: Large Neutrino Telescope experiments, recent progress and application to geoscience I