

DESY Seminar

15 February 2005, 17:00, DESY Hörsaal

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*The KASKA project
A Japanese medium-baseline reactor-
neutrino
oscillation experiment to measure the
mixing angle θ_{13}*

A new reactor-neutrino oscillation experiment, KASKA, is proposed to measure the unknown neutrino-mixing angle θ_{13} using the world's most powerful Kashiwazaki-Kariwa nuclear power station. It will measure a very small deficit of reactor-neutrino flux using three identical detectors, two placed just close to the sources and one at a distance of about 1.8km. Its conceptual design and physics reach are discussed.

- Tea and cookies will be served at 16:45 in the lobby.
- After the seminar there is a chance for private discussions with the speaker over wine and pretzels also in the lobby.