All papers 🔻

Go!

**High Energy Physics - Experiment** 

# RENO: An Experiment for Neutrino Oscillation Parameter theta\_13 Using Reactor Neutrinos at Yonggwang

RENO Collaboration, J.K. Ahn, et al

(Submitted on 6 Mar 2010)

The RENO experiment is a short baseline neutrino experiment in Korea aiming to measure the neutrino mixing angle theta\_13 or set limit to sin^2(2 theta\_13) less than 0.02. This document describes physics goals, experimental site, detector design, scintillator, electronics, calibration, simulation, and physics reach.

Comments: 126 pages, Technical Design Report

Subjects: High Energy Physics - Experiment (hep-ex)

Cite as: arXiv:1003.1391v1 [hep-ex]

## **Submission history**

From: Hyunsoo Kim [view email]

[v1] Sat, 6 Mar 2010 15:18:37 GMT (4760kb,D)

Which authors of this paper are endorsers?

# Download:

- PDF
- Other formats

### Current browse context:

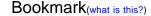
### hep-ex

< prev | next >

new | recent | 1003

### References & Citations

- SLAC-SPIRES HEP (refers to | cited by)
- CiteBase



CiteULike logo

Connotea logo

**▼** BibSonomy logo

Mendeley logo

▼ Facebook logo

★ del.icio.us logo

■ Digg logo

Reddit logo

Link back to: arXiv, form interface, contact.