

到来方向検出器開発の現状と地球科学への応用

Development for Neutrino Directional Measurement in Liquid Scintillator

*白旗 豊¹*YUTAKA SHIRAHATA¹

1.東北大学, ニュートリノ科学研究センター

1.RCNS, Tohoku University

Liquid scintillator detector has a sensitivity to geo-neutrino. However, this detector can't observe direction of anti-neutrino. So we develop new-type detector that can know direction of anti-neutrino. In my poster, I talk about development of ⁶Li loaded liquid scintillator and high vertex resolution imaging detector.

キーワード: ニュートリノ

Keywords: neutrino