Contribution ID: **118** Type: **Talk**

Search for anti-neutrino charged current coherent pion production at SciBooNE

Friday, May 22, 2009 12:20 PM (20 minutes)

The precise measurement of neutrino-nucleus cross-sections in the few GeV energy range is an essential ingredient in the interpretation of neutrino oscillation experiments.
SciBooNE is ~1 GeV muon neutrino scattering experiment based at Fermilab, USA, that ran from June 2007 until August 2008 in both neutrino and anti-neutrino mode.
We will present a search for charged current coherent pion production in SciBooNE's collected anti-neutrino data.

Primary author: Dr TANAKA, Hidekazu (Massachusetts Institute of Technology)

Presenter: Dr TANAKA, Hidekazu (Massachusetts Institute of Technology)

Session Classification: Single pion production III

Track Classification: Single pion production