Physics of fundamental Symmetries and Interactions - PSI2010



Contribution ID: 61 Type: Oral

Beta Asymmetry Measurement in Neutron Decay

Tuesday 12 October 2010 11:10 (20 minutes)

The neutron decay spectrometer PERKEO III was installed at the Institut Laue-Langevin. An intense pulsed cold neutron beam was used to minimize systematic effects in a measurement of the beta asymmetry. We present results from the latest run.

Primary author: Dr MÄRKISCH, Bastian (Physikalisches Institut, Universität Heidelberg)

Presenter: Dr MÄRKISCH, Bastian (Physikalisches Institut, Universität Heidelberg)

Session Classification: Session Tu - 2

Track Classification: Fundamental physics with cold and ultracold neutrons