

Abstract for an Invited Paper
for the DNP07 Meeting of
The American Physical Society

Fundamental Neutron Physics: an Overview

CHEN-YU LIU, Indiana University

Experiments using neutrons have been used to refine our understanding of the weak interaction. These include measurements of neutron beta-decay observables and parity violating nucleon-nucleon interactions. Precision measurements using low energy neutrons are also useful in the search for new physics beyond the Standard Model. I will discuss some new and ongoing research in this field.