独立行政法人理化学研究所　仁科加速器研究センター
第１９４回 RIBF核物理セミナー
RIKEN Nishina Center for Accelerator Based Science
The 194th RIBF Nuclear Physics Seminar

Development of neutron electric moment experiments at Los Alamos

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Permanent electric dipole moments (EDMs) provide a very sensitive probe of novel sources of T (time reversal) and CP (charge conjugation and parity) violation, and are a key ingredient in understanding why there is more matter than antimatter in the universe. At Los Alamos National Laboratory (LANL), our team has been working on development of two new neutron EDM experiments: one to be installed at the Spallation Neutron Source at Oak Ridge National Laboratory with a goal sensitivity of 5x10-28 e-cm and the other to be installed at the LANL ultracold neutron source with a goal sensitivity of 3x10-27 e-cm. In this seminar, the current status of the development of these two experiments will be presented.

March 13 (Fri.) 2015　13:30～
RIBF Hall (rm.201), RIBF bldg., RIKEN

＊ The talk will be given in English.

Contact: Nuclear Physics Seminar Organizing Committee
npsoc@ribf.riken.jp
http://ribf.riken.jp/~seminar/

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講演標題（日本語）
講演標題（英語）

？？？？？氏
（所属日本語）
Dr. ？？？
（所属英語）

Abstract

＊ The talk will be given in English.

Feb 10(Tue.) 2015　15:30～
RIBF Hall (rm.201), RIBF bldg., RIKEN

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