



独立行政法人理化学研究所 仁科加速器研究センター
第61回RIBF核物理セミナー

RIKEN Nishina Center for Accelerator Based Science
The 61th RIBF Nuclear Physics Seminar

Frontiers in understanding matter at the extremes

Prof. Achim Schwenk, (TRIUMF)

I will discuss current frontiers in understanding and predicting the structure of strongly-interacting matter in laboratory nuclei and in the cosmos. These include the development of effective field theory and renormalization group methods in nuclear physics, the advances of ab-initio approaches for nuclear structure, and the effort to develop a universal nuclear energy density functional based on microscopic interactions. Three-nucleon forces play a central role in these developments.

Apr. 25(Fri), 2008 14:00-
Nishina Hall, RIKEN

The seminar will be given in English

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