乞掲示

理化学研究所原子核グループコロキウム　*2004. 3. 11*

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題目 ： Radioactive Ion Beam physics and Nuclear astrophysics in china

∗ The seminar will be given in *English.*

日時 ： 2004年 3月 11日 (Thu.)　13:30 –

場所 ： RIKEN Main Bldg. 1F Seminar Room

Abstract

The Chinese machine for nuclear physics and research institute and university for nuclear physics in china will be introduced shortly. A project for the radioactive ion beam physics and nuclear astrophysics (2001-2005) in china will be introduced. It is based on the intermediate energy radioactive Ion Beam Line in Lanzhou (RIBLL) of Heavy Ion Research Facility in Lanzhou(HIRFL) and Low Energy Radioactive Ion Beam Line (GIRAFFE) of Beijing National Tandem Accelerator Lab (HI13). The key scientific problems which will be researched as high priority are: the nuclear structure and reaction for nucleus far from B-stability line; the synthesize of new nuclides near drip lines and new super heavy nuclides; the properties of asymmetric nuclear matter with extra large isospin and some nuclear astroreactions. This project will be the base of scientific goals of National Big Science Projects: Cooler Storage Ring (CSR) in Lanzhou which will be fulfilled at 2005 on the schedule and Beijing Radioactive Nuclei Beam Facility (BRNBF) which will start the construction soon.

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