

PKU-CUSTIPEN Workshop on “Reactions and Spectroscopy of Unstable Nuclei”

Summer 2014, Peking University, Beijing, China

Dear colleagues,

The China-U.S. Theory Institute for Physics with Exotic Nuclei (CUSTIPEN) is organizing a “Reactions and Spectroscopy of Unstable Nuclei” workshop which will be held from August 10 (registration day) to August 14, 2014 at the Peking University, Beijing. This workshop is mainly devoted to recent theoretical and experimental studies in nuclear reactions, nuclear astrophysics, and related topics. The workshop will also count with the participation of European scientists, actively engaged in the physics of rare nuclear isotopes.

The main topics covered would be:

- (p , $2p$) and (p , pn) reactions and nuclear spectroscopy;
- Coulomb excitation, transfer and knockout reactions with exotic nuclear beams;
- Nuclear reactions with rare isotopes in inverse kinematics;
- Big bang and stellar nucleosynthesis studied with radioactive nuclear beams;
- New modes of nuclear excitation and nuclear decay of exotic nuclei;
- Mapping the properties of nuclear matter from low to high densities.

You are kindly invited to attend the workshop. The registration can be done via the CUSTIPEN website: <http://custipen.pku.edu.cn> by May 30, 2014.

Venue and accommodation:

The workshop will take place at the Peking University. The accommodation will be arranged in the Zhongguanyuan Global Village (PKU guest house). We will be pleased to provide invitation letters for participants who need Chinese visas. More information about visa applications and transportations can be found in the CUSTIPEN website <http://custipen.pku.edu.cn>

We look forward to your participation. Please contact the CUSTIPEN scientific secretary, Dr. Junchen Pei, for more information.

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