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Second Circular
The Fifth International Workshop on
Direct Reactions With Exotic Beams
(DREB2007)

<http://rarfaxp.riken.go.jp/DREB2007/>
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January 2007

Dear Colleagues,

The International Workshop on "Direct reactions with Exotic Beams" (DREB2007) will be held in Wako campus of RIKEN, conveniently located in the suburb of Tokyo, on May30-June 2, 2007. This is a satellite workshop of the International Nuclear Physics Conference at Tokyo (June 3-8, 2007); see <http://www.inpc2007.jp/>.

DREB2007 is the fifth International Workshop in a series of workshops initialized by researchers from MSU, Florida, Saclay and Orsay. The earlier meetings were held in 1999 at Michigan State University (USA), in 2001 at IPN Orsay (France), in 2003 at the University of Surrey (England) and in 2005 at Michigan State University (USA). DREB2007 intends to present the latest topics in the field and stimulate fruitful discussions.

DREB2007 is hosted by Faculty of Science at Kyushu University¹, RIKEN Nishina Center for Accelerator-Based Science² and Center for Nuclear Study (CNS) at the University of Tokyo³.

We are looking forward to seeing you in Wako campus of RIKEN.

Sincerely yours,
Organizers

1. <http://www.sci.kyushu-u.ac.jp/e/>
2. <http://www.riken.jp/engn/index.html>
3. <http://www.cns.s.u-tokyo.ac.jp/index.shtml>

Scientific Program

The scientific content will address the extraction of nuclear structure and astrophysical information from direct reactions with exotic beams as well as the understanding of reaction mechanisms. It will include the latest theoretical and experimental topics on varieties of reaction studies.

The workshop consists of oral and poster presentations. A large number of the talks will be selected from the submitted abstracts (see below). We will inform the result of the selection by **April 6, 2007**.

Workshop Topics

1. inelastic scattering and varieties of nuclear responses
2. breakup reactions and exotic correlation
3. elastic scattering / reaction cross section and proton/neutron distribution in nuclei
4. nucleon knockout / transfer reactions and single particle structure in asymmetric fields
5. recent reaction theories and effective interaction at the extremes of nuclear stability
6. interplay between reaction and structure theories
7. resonance scattering in inverse kinematics
8. sub- and near-barrier fusion with exotic nuclei
9. nuclear astrophysics studied by reactions with exotic nuclei
10. recent and future developments in experimental and computational methods

Workshop information

Date : **30th May, 2007 – 2nd June, 2007**

Place : RIKEN Wako Campus*

Webpage: <http://rarfaxp.riken.go.jp/DREB2007/>

Contact address: **DREB2007@ribf.riken.jp**

*The access to Wako campus is shown in

<http://www.riken.jp/engn/r-world/riken/campus/wako/access.html>

Program and abstract submission

On-line registration is now available from

<http://www.nishina.riken.jp/conf/DREB2007/regist.html>

If you wish to be considered for a presentation, please include a title and a brief abstract with the registration information. Specification of the Workshop Topic(s) related to your presentation is encouraged. The registration fee is **10,000 JPY**. We accept only cash. Please pay the fee at the registration desk during the workshop. The deadline for the early registration and abstract submission is **MARCH 15, 2007**.

Accommodation

Participants will stay at Toyoko Inn "Wakoshi Ekimae", a new hotel in Wako city. The website of this hotel is

http://www.toyoko-inn.com/e_hotel/00090/.

The participants are required to make the room reservation by themselves using the on-line reservation service or by fax, which can be found at the hotel website. The reservation should be made preferably two months before the check-in date.

Other hotels along Tobu-tojyo-line are:

Daily hotels in Asaka-city, Niiza-city, Shiki-city

<http://www.dailyhotel.net> (in Japanese only)

Financial support

Limited funds are available for support of young participants, primarily by waiving registration fees and possibly by supporting accommodations. Those who wish to obtain these partial supports may contact us via e-mail with the title of "DREB2007 support" at **DREB2007@ribf.riken.jp**. Since the fund is extremely limited, the selection will be made by the Organizers.

A special student program for Ph.D-course students of nuclear and hadron physics is planned at Tokyo Institute of Technology (Tokyo Tech). Details are found in the following website:

URL: <http://be.nucl.ap.titech.ac.jp/~fgipnp/>

Contact address: **fgipnp@mail.nucl.ap.titech.ac.jp**

Committee

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