

THE SIXTH INTERNATIONAL CONFERENCE ON RADIOACTIVE NUCLEAR BEAMS (RNB6)

22-26 September 2003
Argonne, Illinois, USA

ANNOUNCEMENT

We are pleased to inform you that the Sixth International Conference on Radioactive Nuclear Beams (RNB6) will be held at Argonne National Laboratory, near Chicago, on 22-26 September 2003. It is hosted by the Physics Division at Argonne.

SCOPE AND TOPICS

This conference will maintain the spirit of the previous meetings of this series held in Berkeley (1989), Louvain La Neuve (1991), East Lansing (1993), Ohmiya (1996) and Divonne (2000) and provide an international forum for presenting and discussing all aspects of physics with radioactive nuclear beams, from initial production to final interpretation of the results. The availability of radioactive nuclear beams has undergone a massive growth over the last few years with numerous first generation facilities now operational and providing exciting new physics results. This growth is set to accelerate further with the progress towards powerful second generation facilities in Asia, Europe and North America that will allow the physics to move towards more remote regions of the nuclear chart. It is indeed an exciting time for studies with radioactive nuclear beams and we hope that RNB6 will capture that excitement. The progress in the field has come from the ability to produce more exotic species, the use of new experimental approaches and a deeper understanding of the different contributions playing a role in the nucleus. The program of RNB6 will cover recent developments in these three complementary aspects.

Conference topics include:

Radioactive nuclear beam facilities
Production of RNB by projectile fragmentation
Production of RNB by ISOL techniques
Studies of cross-sections for production of exotic nuclei
Nuclear reactions and structure with radioactive beams
Exotic decay modes
Nuclear astrophysics
Theoretical developments related to nuclei far from stability
Experimental developments for studies with low, medium and high energy RNBs
Detectors and instrumentation
Applications of RNB

CONFERENCE VENUE

The conference will be held at Argonne National Laboratory. Situated 35 km west of Chicago, Argonne was the first US National Laboratory and is now a large multipurpose laboratory cultivating and maintaining its proud tradition in nuclear physics. Argonne has state-of-the-art conference facilities, an on-site guest house, and is easily accessible from the O'Hare and Midway international airports.

ACCOMMODATION

Rooms for conference participants and their accompanying persons for the duration of the meeting and the weekends before and after have been reserved at the Argonne Guest House. The single and double rates are \$65/night and \$75/night, respectively. The Guest House is a modern hotel conveniently located within walking distance of the conference facilities at the Advanced Photon Source and offers large rooms with standard hotel amenities and network connection in all rooms. A full service restaurant is available at the Guest House in addition to the site cafeteria and numerous other restaurants close to the Argonne site. Other hotels are also available nearby off site. Downtown Chicago is 30 minutes away by car and offers all advantages a large metropolis can provide.

LANGUAGE

The official conference language is English. No translation facilities will be available, and all abstracts and manuscripts should be presented in English.

PARTICIPATION, CONTRIBUTIONS AND PROCEEDINGS

Those wishing to attend or interested in receiving the 2nd announcement are kindly requested to complete the application form at the conference website <http://www.phy.anl.gov/RNB6> before 15 April 2003. From here you will receive an acknowledgement. You can also register by e-mail to the conference secretariat RNB6@anl.gov by means of the questionnaire found below. Please also circulate the present announcement to potentially interested colleagues, in particular of the coming generation, who may not yet be on our mailing list. We would like to particularly encourage students and post-docs to participate in the conference. Limited financial aid might be available in some cases. The conference proceedings will be published.

CORRESPONDENCE AND TIME SCHEDULE

Please address all correspondence by electronic mail, to the RNB6 conference secretariat:

Colleen Tobolic / Janet Bergman
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Argonne National Laboratory
9700 South Cass Avenue
Argonne, Illinois 60439
USA
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fax: 1-630-252-6210
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Questionnaire return date: 15 April 2003.

The second announcement with calls for contributions will be sent out by the end of April 2003.

Deadline for submission of abstracts: 15 May 2003.

Deadline for advance registration: 15 June 2003.

Deadline for registration: 8 August 2003.

The above registration deadline will be strictly enforced to ensure adequate time for obtaining DOE clearance for site access for all applicants.

FURTHER INFORMATION

Updated information and a PDF and PS formatted version of this announcement can also be found on the RNB-6 World Wide Web page: <http://www.phy.anl.gov/RNB6>.

ORGANIZATION

CHAIRMAN: Guy Savard, Argonne National Laboratory and University of Chicago

LOCAL ORGANIZING COMMITTEE

J.L. Bergman	J.A. Nolen
C.N. Davids	S.C. Pieper
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E.F. Moore	C.E. Tobolic

<<<< QUESTIONNAIRE >>>>

Full Name:

Title: (e.g.: Prof., Dr., Mr., Mrs.)

Institution:

Mailing Address:

E-Mail:

FAX:

Phone:

I wish to receive the 2nd Circular

Yes No

I plan to attend the Conference

Yes Maybe

No

Number of Accompanying Persons:

I plan to Submit a Contribution

Yes Maybe

No

Preferred format:

Oral Poster

Tentative Title:

Suggestions for Topics/Speakers:

PLEASE RETURN BEFORE 15 APRIL 2003.

<<< RNB6@anl.gov >>>