

The Symposium of 25th Anniversary of the Discovery of Halo Nuclei (Halo2010)

December 6(Mon) - 9(Thu), 2010.

Hayama, Kanagawa, Japan.

<http://www.cns.s.u-tokyo.ac.jp/halo2010/>

----- Final circular -----

The 25th anniversary of the discovery of significant neutron halo takes place this year. As a celebration of this occasion, the Halo2010 Symposium will be held on the 6th-9th of December, 2010 by the Center for Nuclear Study (CNS), the University of Tokyo. The venue is Shonan Village Center near Tokyo, Japan.

The remarkable neutron-halo effect in ^{11}Li was observed in the first measurement of the nuclear radii of light neutron-rich nuclei by means of secondary beams produced by projectile fragmentation of a high-energy heavy-ion beam. It has opened a new era of the study of nuclei far from the stability. This experiment was performed in Berkeley under the US-Japan collaboration conducted by the Institute of Nuclear Study, the University of Tokyo. The INS has been transformed, and the relevant part has become the CNS.

The Halo2010 Symposium is devoted to review various experimental and theoretical progresses in the fields of physics of drip-line nuclei and to discuss future perspectives initiated by 3rd generation RI beam facilities.

The topics to be discussed in the symposium are:

- Nuclear Radii / Charge Radii
- Mass Measurements
- Nuclear Moments
- Momentum Distribution
- Beta Decay
- Charge Exchange Reactions
- Electro-Magnetic Responses
- Spectroscopy of Loosely-Bound and/or Unbound System
- Di-Neutron Correlation / Few Neutron System / Neutron Matter
- Interaction and Structure in Dripline Nuclei
- Reaction Mechanism for Dripline Nuclei
- Neutron-Rich Hypernuclei

Registration to the symposium is open to anyone who is interested in attending.

The newest information is being updated constantly at the web page of the Halo2010 symposium:

<http://www.cns.s.u-tokyo.ac.jp/halo2010/> .

===== Important Date =====

Reception (Welcome drinks and light meals):

18:00- December 6 (Mon) at Shonan village Center.

Banquet:

18:30- December 8 (Wed) at Shonan village Center.

Deadline of proceedings submission:

January 30, 2011.

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A. Symposium Site

All sessions of the symposium are held at Shonan village center.

The web page of Shonan village center is:

<http://www.shonan-village.co.jp/svc/> (English),

<http://www.shonan-village.co.jp/> (Japanese).

The information on the access to Shonan village center is available at

<http://www.shonan-village.co.jp/svc/access.html> (English),

<http://www.shonan-village.co.jp/access.html> (Japanese).

B. Transportation

The Shonan village center locates 30-min drive from the nearest train station. The most convenient and safest way is using Taxi from the stations, JR Zushi, Keikyu Shin-Zushi or Keikyu Shioiri.

Use of local bus service is also available. The buses from JR Zushi or Keikyu Shin-Zushi are relatively frequent (roughly a bus per 30 min). Details on bus transportation are shown in the above web page (Japanese only)

<http://www.shonan-village.co.jp/access.html> .

For foreign participants from Narita or Haneda airports, documentation was prepared on

<http://www.shonan-village.co.jp/svc/access.html> .

C. Online Registration and On-site Registration Desk

The registration fee is 20,000 Japanese Yen and the fee for students is 8,000 Japanese Yen. The confirmation of your registration will be sent by Shonan village center. The on-site registration desk will be open on Dec. 6 and 7. Participants arriving on Dec.8 go first to hotel front desk and ask for your registration.

D. Accommodation

Participants can reserve a hotel room by the on-line registration. The room charge includes a dinner on the day, breakfast and lunch on the next day. Details are described in

<http://www.cns.s.u-tokyo.ac.jp/halo2010/info/pricelist.pdf> .

Confirmation of hotel reservation will be sent by Shonan village center.

E. Lunch

Lunches for participants reserving a room are prepared. Participants without reservations can use in-site restaurant KATSURA or neighboring restaurants.

F. Scientific Programs

A preliminary scientific program was shown in the web. The updated program will be shown in the same page.

Oral presentations of 30(20) min. allot 25(15) min. for presentation and 5 min. for discussion. For your talk, please prepare your own lap-top computer and verify whether the projector works well before your talk. We will collect your presentation files via USB memory.

Poster presentations will be held in the evening of December 7 (Tue). Each poster panel has an area of 180 cm (height) x 120 cm (width).

G. Proceedings

Proceedings of Halo2010 will be prepared as a DVD (or CD-Rs), and will be sent to all of participants. Organizers ask oral presenters to submit a presentation file after the presentation. If you would not like to submit your presentation file, a camera-ready pdf document within 5 pages is also applicable. For poster presenters, organizers ask you to prepare a pdf document within 2 pages. The deadline of submission is January 30, 2011.

Local Organizer:

S. Shimoura (Chair), H. Hamagaki (CNS), T. Nakatsukasa (RNC), T. Otsuka (Tokyo/CNS),
H. Sakurai (RNC), S. Michimasa (CNS, Secretary)

Advisory Committee:

T. Aumann (GSI), K. Ikeda (RCNP), T. Kobayashi (Tohoku), K. Matsuta (Osaka), W. Mittig (MSU),
T. Nakamura (TITech), N. Orr (Caen), A. Ozawa (Tsukuba), B.M. Sherrill (MSU),
T. Suzuki (Saitama), Y. Suzuki (Niigata), T.J.M. Symons (LBNL), I. Tanihata (RCNP).