

The Second Sicily-East Asia Workshop on Low Energy Nuclear Physics (SEA2016)

-First Circular-

The Second Sicily-East Asia Workshop (SEA2016) (<http://www.cns.s.u-tokyo.ac.jp/crib/SEA2>) will be held for Jun 26-28, 2016, at CNS, the University of Tokyo, Wako Campus, Wako, Saitama, Japan. This series of workshop was initiated in 2014 to promote the collaborated study on low-energy nuclear physics between Istituto Nazionale Fisica Nucleare Laboratori Nazionali del Sud (INFN-LNS, Italy), Center for Nuclear Study, the University of Tokyo (CNS, Japan), Sungkyunkwan Univ. (SKKU, Korea), RIKEN (Japan) and other institutes. This is a satellite meeting of the Nuclei in the Cosmos conference (<http://nic2016.jp/>) which is held for Jun. 19-24, in Niigata, Japan.

Main goal of this workshop

This workshop is to strengthen the collaboration between research groups working on the low-energy nuclear physics, where the INFN-LNS, CNS and SKKU serve as core institutes for now, but we intend to establish a broader collaboration for the future. During the workshop we will discuss the key physics issue in low energy nuclear physics to be addressed in collaboration. Contributions from theorists will be very welcome and helpful to set new perspectives and goals.

Topics Covered

We mainly cover the following topics,

- a) Nuclear processes relevant for astrophysics like quiescent and explosive nucleosynthesis, hot-CNO, primordial nucleosynthesis, AGB stars
- b) Fusion mechanisms at and below the Coulomb barrier with heavy-ion beams
- c) Cluster structures in stable and unstable nuclei
- d) Reaction mechanisms
- e) Applications of heavy-ion beams

The topics are not limited to the above, but we welcome your contribution on any topic related to low-energy nuclear physics from both experimentalists and theorists.

Venue

The workshop will be held at the Wako campus of RIKEN/CNS (in the same campus).

<http://www.riken.jp/en/access/wako-map/>

The main sessions will be held at Nishina Hall (E02 in the campus map).

Visitors can enter the campus by checking in at the west gate, where a temporary visitor card will be given.

Registration

Registration is available at our indico page:

<http://indico.cns.s.u-tokyo.ac.jp/conferenceDisplay.py?confId=284>

Registration fee of 3,000 yen is requested but it can be waived in a limited number of special cases. The registration fee can be paid only at the conference site by cash.

Expense support

Local expense support is available only for a limited number of participants. Please ask directly the [contact person](#) about the support.

Events

Welcome reception will be held on 26th (Sun.) evening, and there is no session planned on that day.

Social dinner is scheduled on 27th (Mon.) evening. We will ask additional ~6,000 yen (the price and place will be fixed according to the number of participants) for participants who attend the dinner. The current plan is to visit a restaurant of Japanese cuisine.

A short facility tour of RIBF of RIKEN Nishina Center is also planned during the workshop.

Proceedings

Publication of proceedings for this workshop is planned. Details will be announced later.

Accommodation

Participants are recommended to book a room at the nearest hotels as soon as the itinerary is fixed:

Super Hotel <http://www.superhoteljapan.com/en/s-hotels/wako.html>

or

Toyoko Inn http://www.toyoko-inn.com/e_hotel/00090/index.html

On-line booking in English is available for these hotels.

We may be able to offer a room at the on-site guest house, but only for limited number of single rooms. Please contact the organizer or make a request at the registration if you wish to stay at the guest house. (Participants from far countries and students have the priority.)

Organization

Hosted by: CNS, INFN-LNS, SKKU

IAC: G. Cuttone (INFN LNS)
A. Insolia (U. Catania - INFN Sez. Catania)
Y.K. Kwon (IBS)
M. Lattuada (U. Catania - INFN LNS)
H. Miyatake (WNSC, KEK)
T. Otsuka (CNS, U. Tokyo)
A. Pagano (INFN Sez. Catania)
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S. Romano (U. Catania - INFN LNS)
H. Sakurai (RIKEN - U. Tokyo)
D. Santonocito (INFN LNS)
S. Shimoura (CNS, U. Tokyo)
C. Spitaleri (U. Catania - INFN LNS)

Chair: H. Yamaguchi (CNS, U. Tokyo)

Co-chair: S. Cherubini (U. Catania - INFN LNS) K.Y. Chae (SKKU)

Contact

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