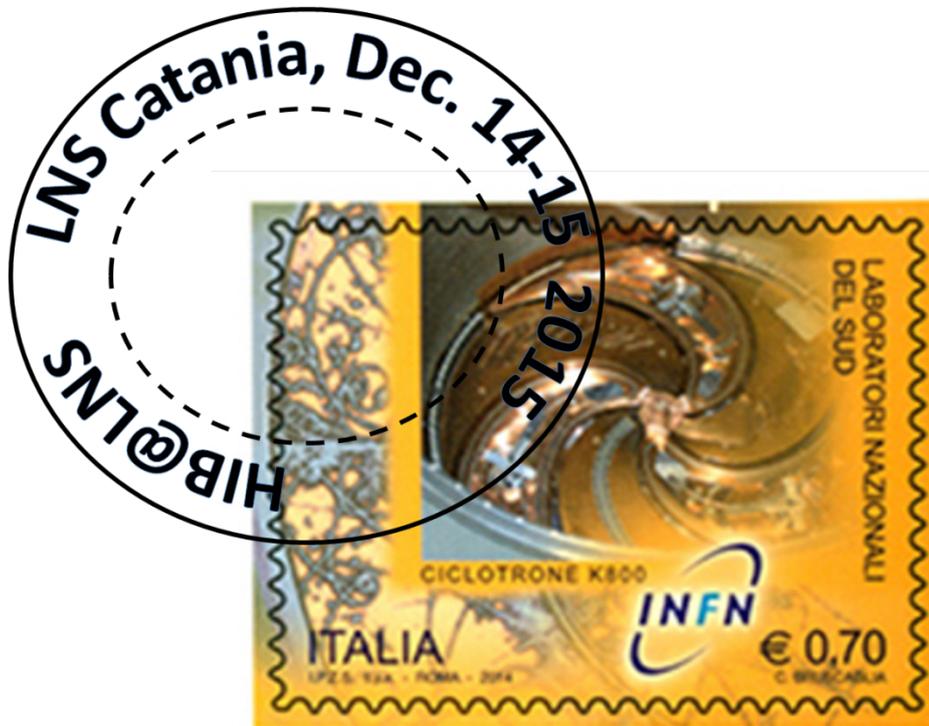


FIRST ANNOUNCEMENT HIB@LNS

We are pleased to announce the one-day International Workshop on High Intensity cyclotron beam at LNS, HIB@LNS that will be held in Catania, Italy, on December 14th - 15th 2015. The workshop is promoted by INFN-LNS and INFN-Sezione di Catania. It is supported by LNS User's Committee and by the European Collaboration on High Intensity Stable Beams (ECOS).

This circular will be also available on the conference web site:

<http://www.ct.infn.it/HIB-LNS>



SCIENTIFIC PROGRAM AND FORMAT

The recent proposal to upgrade the Superconducting Cyclotron (SC) by increasing the beam intensity of two orders of magnitude with respect to the existing SC facility in Catania represents an important progress in the field of Heavy Ion reactions at Fermi energy with both stable and exotic beams and related applications. It is expected that different topics will benefit of this upgrade. Among these, it is important to mention the nuclear matrix element measurements in double exchange direct reactions and connection with neutrino physics, the in-flight production of medium - mass exotic beams by fragmentation reactions and connections with fragmentation reactions, transfer reactions, and clustering phenomena. Beside, possible overlaps with physics of heavy and super heavy elements productions are also expected.

A report of the meeting will be presented to the annual LNS 2015 users meeting in December. The scientific program will be focused on both experimental and theoretical aspects of HI collisions at medium energies with particular emphasis for special requirements of high intensity both stable and radioactive (In flight method) beams. In particular two main sections will be addressed as follows:

I) Nuclear reaction, dynamics, clustering phenomena and structure

II) HI collisions at Fermi Energy with In flight radioactive beams

Experimental methods and new developments in the field of HI detection systems are also included in items I and II.

The format of the workshop includes few invited topical talks, oral contributed presentations and posters. PhD students and postdocs are strongly encouraged to participate.

GENERAL INFORMATION

HIB@LNS will take place at INFN – Main Conference Room at Laboratori Nazionali del Sud. The workshop will begin at 12:00 PM, Monday, December 14th (registration) and will end at lunch time on Tuesday, December 15th.

The local organization of the workshop is supported by Laboratori Nazionali del Sud, the Istituto Nazionale di Fisica Nucleare - Sezione di Catania and Dipartimento di Fisica e Astronomia of Catania University

CALL FOR CONTRIBUTIONS & REGISTRATION

Participants wishing to present a contribution may submit an abstract directly on the website. Oral and poster presentations will be selected by the organizing Committee and convener's Committee from the submitted abstracts. Proceedings of all contributions, including posters, will be published on the conference web site. **The deadline for abstract submission is October 30th 2015**

Anyone wishing to attend the workshop is invited to register on the conference website. Information about accommodation and an hotel reservation form will be soon available at the website.

The workshop registration fee will be 120€, including coffee breaks, conference kit , Tuesday lunch. The social dinner at the special price of 25,00 Euro on Monday evening 14th December is not included in the fee.

There will be no fee for undergraduate and PHD students. The deadline for registration and accommodation will be announced on the second circular. For more information, visit the website or write to HIB-lns@ct.infn.it

ORGANIZING COMMITTEE

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CONVENERS

SESSION I : R.Bougault (LPC –Caen –Fr)- F. Gramegna (LNL- Legnaro-I)

SESSION II : G.Cardella (INFN-Catania-I)-S. Pirrone (INFN-Catania-I)

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