

SPES2014

Second International Workshop

FIRST CIRCULAR

We are pleased to inform you that the **SPES2014 Second International Workshop** will be held in Legnaro, Italy, from May 26-28, 2014. This circular is also available on the following web site:

<http://spes2014.lnl.infn.it>

ORGANIZING COMMITTEE

Angela Bonaccorso	INFN - Pisa
Giovanni Casini	INFN - Firenze
Gianluca Colò	Università di Milano e INFN - Milano
Giacomo de Angelis	INFN - LNL
Angela Gargano	INFN - Napoli
Alessia Di Pietro	INFN - LNS
Silvia Lenzi	Università di Padova e INFN - Padova
Sara Pirrone	INFN - Catania
Giovanni Pollarolo	Università di Torino e INFN - Torino

SECRETARIAT

Anna D'Este	INFN - LNL, Italy
Daniela Zane	INFN - LNL, Italy

GENERAL INFORMATION

The workshop will aim at upgrading and discussing the physics with accelerated radioactive ion beams produced with the INFN SPES facility at the Legnaro National Laboratory.

The SPES project is moving forwards and is now in a quite advanced state. In particular, the civil infrastructure hosting the cyclotron and the ISOL source is expected to be ready in the second half of 2014. Moreover, the cyclotron is almost completed and its installation will be done by the end of 2014. Afterwards, the commissioning (about one year) will start.

SCIENTIFIC PROGRAM AND FORMAT

The scientific program will focus on the following aspects:

- Status of the SPES Facility
- Nuclear Structure far from Stability
- Reaction Dynamics with Radioactive Beams
- Instrumentation
- Presentation of Letters of Intent

General Talks & Letters of Intent

The workshop will be organized with some general invited talks on the items of the scientific program and the presentation of the Letters of Intent (LOI) .

Letters of Intent are aimed to:

- Update the scientific cases and methodologies expressed in the reference project and add new scientific cases.
- Define and organize the experimental *halls* structure according to the requirements of the scientific community.
- Identify and estimate the major experimental set-ups and equipment necessary to carry on the proposed experiments.
- Start the development of collaborations and research groups of users having common scientific interests.
- Create the basis for defining priorities for the SPES day-1 experiments.

These LoIs define the ancillary equipment that will be needed to ensure a competitive scientific programme with the SPES facility.

According to the launched Call of LOI, we remind that the letters have to be sent to the SPES secretary, spes.segreteria@lnl.infn.it , within the deadline of March 14, 2014.

The list of the possible beams is available at:

<https://web2.infn.it/spes/index.php/characteristics/spes-beams-7037/spesbeamstable>.

The text of the LoIs should be no more than three pages in length, including title, names of the proponents and institutions, and a short abstract. It should contain the scientific motivations of the experiment, the required instrumentation, the relevant aspects of the experimental procedure and bibliographic references.

These LoIs will be evaluated together with the status reports of the instrumental projects during the SAC meeting on 28-29 May 2014.

REGISTRATION

The registration can be done on the website <http://spes2014.lnl.infn.it>.
The deadline is **April 30, 2014**.