



# Third International SPES Workshop

October 10-12, 2016

Laboratori Nazionali di Legnaro (Padova), Italy

## SECOND CIRCULAR

The Third International SPES Workshop will take place at LNL from 10th to 12th October 2016, with the aim to summarize the present status and upgrades of the facility and discuss the physics with radioactive ion beams at SPES and the future experimental campaigns. The SPES radioactive ion beam project of INFN is in a quite advanced state. The driver accelerator, the cyclotron, is already installed and presently being commissioned, while the ISOL source and the transport line are expected to be ready in the second half of 2017.

### SCIENTIFIC PROGRAMME and FORMAT

The workshop will focus on the following aspects:

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

The scientific programme will consist of general invited talks on the items of the scientific program and the presentation of Letters of Intent (LoI) with the aim to:

- Update the scientific cases and methodologies expressed in the reference project and add new scientific cases.
- Define and organize the structure of the experimental halls 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 will also cement the future collaborations around SPES and define the ancillary equipments that will be needed to ensure a competitive scientific programme with the SPES facility.

According to the launched Call for LoIs, we remind that the letters have to be sent to the SPES secretary, [spes.segreteria@lnl.infn.it](mailto:spes.segreteria@lnl.infn.it), within the **deadline of July 8, 2016**. These LoIs will be evaluated together with the status reports of the instrumental projects during the Scientific Advisory Committee meeting on 12-13 October 2016.

### SCIENTIFIC PROGRAMME

A preliminary scientific programme of the conference is available on the [Workshop website](#).

### VENUE and TRAVEL

The meeting will be held at the Laboratori Nazionali di Legnaro of the INFN, Viale dell'Università 2, LEGNARO (Padova), Italy. Legnaro is only 10 Km (6 miles) from Padova. Details on transportation and routes to Legnaro are available on the [Workshop website](#).

A bus service between the centre of Padova and Legnaro will be organized daily for the Workshop participants (see below).

### **TRANSFERS FROM PADOVA HOTELS TO LNL and BACK**

A transfer service will be organized every day from Padova hotels to Legnaro Laboratories and back. Pick-up points are tentatively the following (please, consider these pick-up points when selecting your hotel):

- 1) [Via Falloppio, crossroad Via Ospedale, near the newsagent's](#)
- 2) [Corso Garibaldi 20, crossroad with Largo Europa-Riviera Ponti Romani, in front of the Mercedes shop](#)

Pick-up times will be given later. Should you miss the Workshop bus, please, be informed that public buses connect Padova to Legnaro about every 30 min in office hours, as better mentioned on the web page in the "Venue and Travel" section.

### **REGISTRATION**

Registration to this event is available on the [Workshop website](#) via INDICO system from June 3, 2016 until **September 9, 2016**. For organization purposes, early registration is appreciated. No registration fee is required.

### **ACCOMMODATION**

A list of suggested hotels is available on the [Workshop website](#). Participants are kindly requested to book their own rooms by contacting the hotel directly. Please, take into consideration also the bus pick-up points when selecting your hotel (see Transfers above).

### **SOCIAL EVENTS**

The following events are planned:

- ✓ On **Monday, October 10**, after the afternoon session, a visit to the Legnaro Laboratories is planned. A welcome cocktail will be served afterwards in the LNL Cafeteria.
- ✓ On **Tuesday October 11**, the Workshop dinner will take place at Restaurant "[Villa Sagredo](#)", Via Sagredo 3A - Vigonovo (Venice), ph. + 39 049 503174. The menu will be fish-based. Please, be aware that participants will be taken to the Restaurant directly from LNL. Participants not joining this event will need to take a public bus to go back to Padova.

Participants who intend to attend these events are invited to tick the appropriate fields in the registration form. Please, remember to indicate any possible dietary restriction.

### **OFFICIAL INVITATIONS**

For VISA information see [http://www.esteri.it/visti/index\\_eng.asp](http://www.esteri.it/visti/index_eng.asp).

Official letters of invitation to the Workshop can be provided to participants upon request. Such letters are sent only for visa and permission purposes under no obligation of the Organizing Committee. Requests should be sent to [spes2016@lnl.infn.it](mailto:spes2016@lnl.infn.it).

We would be grateful if you could bring this announcement to the attention of your colleagues.

Looking forward to seeing you at Laboratori Nazionali di Legnaro,  
The Organizing Committee

## Organizing Committee

Giacomo de Angelis - *INFN LNL*  
Angela Bonaccorso - *INFN Pisa*  
Giovanni Casini - *INFN Firenze*  
Gianluca Colò - *University of Milano and INFN Milano*  
Alessia Di Pietro - *INFN LNS*  
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Sara Pirrone - *INFN Catania*  
Giovanni Pollarolo - *University of Torino and INFN Torino*  
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## Local Organizing Committee

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Francesco Recchia, *University of Padova and INFN Padova*  
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## Conference Secretaries

Anna D'Este, *INFN LNL*  
Adriana Schiavon, *University of Padova*

Organized by:



Dipartimento  
di Fisica  
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## CONTACT

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web page: <http://agenda.infn.it/event/spes2016>

We gratefully acknowledge the contribution of:

