



# WORKSHOP AGATA@LNL FOR STABLE BEAMS

INFN, LABORATORI NAZIONALI DI LEGNARO  
25-26 MARCH 2019

## SECOND ANNOUNCEMENT

Dear Colleagues,

You are cordially invited to attend the “AGATA@LNL Workshop” which will be held at INFN Laboratori Nazionali di Legnaro, Italy, on March 25-26, 2019, with the aim to discuss within the gamma spectroscopy community the physics opportunities offered by the use of the AGATA position sensitive germanium detector array with stable beams at LNL.

The LNL accelerator complex offers to users heavy ion beams provided by the 15 MV Tandem and by the ALPI superconductive LINAC, the latter used either coupled to the Tandem or to the heavy ion injector PIAVE. The stable beams range from protons to lead with energies up to 10-15 MeV/nucleon.

During the workshop plenty of space will be given to the presentation of physics ideas, Letters of Intent and complementary equipment necessary to ensure a competitive scientific program with AGATA and stable beams at LNL.

### CALL FOR ABSTRACTS/Lols

We warmly encourage you to submit short Letters of Intent for experiments using the abstract section in the Indico website <http://agenda.infn.it/event/AGATA2019>. You can find technical information for Lol preparation at [this link](#). These Lols will be used to define the physics program of the different sessions. The deadline to submit Lols is **March 1, 2019**.

### WORKSHOP TOPICS

- Light Exotic Nuclei and astrophysics  
*Conveners:* B. Fernandez (Santiago), C. Wheldon (Birmingham), D. Mengoni (Padova)
- Nuclear Resonances  
*Conveners:* A. Maj (Krakow), A. Zilges (Koln), F. Crespi (Milano)
- Nuclear Shapes  
*Conveners:* M. Zielinska (Saclay), B. Fornal (Krakow), A. Nannini (Firenze)

- Nuclear Shell Structure  
*Conveners:* D. Verney (Orsay), P. Reiter (Koln), A. Gottardo (LNL)
- High-spin Physics  
*Conveners:* A. Korichi (Orsay), V. Werner (Darmstadt), G. Benzoni (Milano)
- N=Z nuclei  
*Conveners:* A. Gadea (Valencia), J. Nyberg (Uppsala), F. Recchia (Padova)
- Nuclear Reactions  
*Conveners:* M. Caamaño (Santiago), S. Szilner (Zagreb), A. Goasduff (Padova)

## **REGISTRATION**

Registration to the Workshop is already open! Please register at the Workshop web page <http://agenda.infn.it/event/AGATA2019>. A Workshop dinner is planned in the evening of March 25. Please, indicate in the registration form in the appropriate field if you intend to take part in the social event. The approximate cost will be about 45€. The deadline to register is **March 10, 2019**.

## **TRAVEL and ACCOMMODATION**

The meeting will be held at: INFN Laboratori Nazionali di Legnaro, Viale dell'Università 2, LEGNARO (Padova) – Italy. Travel details are given on the [meeting website](#). A list of suggested hotels is also available on the [meeting website](#). Participants are kindly requested to book their own rooms by contacting the hotel directly.

## **INVITATION LETTERS for VISA REQUEST**

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 meeting 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 [anna.deste@lnl.infn.it](mailto:anna.deste@lnl.infn.it).

Further and updated information is available on the meeting website.

Looking forward to seeing you at Laboratori Nazionali di Legnaro,

## **The Organizing Committee**

Silvia Leoni (Milano)  
Jose Javier Valiente Dobon (LNL)  
Simone Bottoni (Milano)  
Simone Ceruti (Milano)  
Martha Liliana Cortes (LNL)  
Eleonora Gregor (LNL)

Andres Illana Sison (LNL)  
Ana Montaner Piza (Padova)  
Marco Rocchini (Firenze)  
Dimitry Testov (Padova)  
Oliver Wieland (Milano)

## International Advisory Committee

Ayse Atac (Stockholm)  
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Lorenzo Corradi (LNL)  
Giacomo de Angelis (LNL)  
Gilbert Duchene (Strasbourg)

Wolfram Korten (Saclay)  
Begona Quintana (Salamanca)  
Peter Reiter (Koln)  
John Simpson (Daresbury)



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website: <http://agenda.infn.it/event/AGATA2019>