



AGATA Campaign at LNL

Fourth Pre-PAC Workshop

LNL, October 2nd-4th, 2023

First Circular

Dear Colleagues,

We are pleased to announce the fourth Pre-PAC Workshop for the AGATA physics campaign at LNL. The workshop will take place on October 2-4, 2023 at LNL and is **planned to be held in-person**.

The next LNL PAC meeting is planned for December 2023, and will evaluate experiments to be performed in the first half of 2024. During this period, beams from the full TANDEM-ALPI-PIAVE complex will be available at LNL, and AGATA is expected to consist of a minimum of 15 triple clusters (1π solid angle coverage).

The aim of the workshop is to **assist the spokespersons in putting the strongest cases for their proposals forward through a discussion of the physics to be investigated, and to assess the feasibility of the proposed experiments**. This includes all experiments planning to use stable beams from the Tandem-ALPI-PIAVE complex for studies involving AGATA in a possible combination with PRISMA and/or ancillary detectors that are compatible with PRISMA. **Any new projects will have to be presented at this workshop before being submitted to the LNL PAC**. In most cases, we will not expect presentations of the projects that have already been discussed at the previous Pre-PAC Workshops. If, however, a new project shows a considerable overlap with a previously discussed project of a different group, both parties will be informed and encouraged to participate in the upcoming Workshop.

You are welcome to **submit Letters of Intent (Lols) for the above mentioned AGATA setups via the link <https://agenda.infn.it/event/36457/abstracts/> with a deadline of September 11th, 2023**. They are expected to include, in a pdf file, a title, short abstract with a description of the physics case, experimental setup, beam (energy, intensity), target(s), and the justified request of beam time. For the list of available beams from the Tandem-ALPI-PIAVE complex we invite you to consult the LNL website: https://agenda.infn.it/event/36457/attachments/107698/152104/tandem_piave_alpi_beams_agata.pdf

All spokespersons will be invited to present their proposals at the Workshop. The information about the duration of the talks will be given in the Second Circular.

We warmly recommend the Lol spokespersons to contact as soon as possible the experts of the complementary equipment they intend to use. These contact persons are:

- PRISMA : L. Corradi, F. Galtarossa
- GAL-TRACE : S. Capra
- EUCLIDES: J. Pellumaj, D. Brugnara
- SPIDER: N. Marchini, M. Balogh
- DANTE: K. Rezynkina, J. Benito
- Gamma-ray scintillators: S. Pigliapoco, A. Giaz
- Plunger: M. Poletini, F. Angelini

REGISTRATION

Participants are invited to register at the Workshop webpage:

<https://agenda.infn.it/event/36457/registrations/3813/>

The deadline for registration is September 25th, 2023.

IMPORTANT DEADLINES

- Lol submission: **September 11th, 2023**

- Registration: **September 25th, 2023.**

WEB PAGE

Updated information on the Workshop can be found at its web page:

<https://agenda.infn.it/event/36457/>

Do not hesitate to contact us for any further information.

Looking forward to seeing you at the Workshop,

with best regards,

Magda Zielińska and Jose Javier Valiente Dobón