



AGATA Campaign at LNL

First Pre-PAC Workshop

LNL, November 8-10th, 2021

First Circular

Dear Colleagues,

We are pleased to announce the first Pre-PAC Workshop for the AGATA physics campaign at LNL. The workshop will take place on November 8-10th, 2021 at LNL.

The commissioning of AGATA in combination with PRISMA is expected in the first quarter of 2022, and the first experiments recommended by the forthcoming LNL PAC, to be held in February 2022, may run as early as April-May 2022. We are aiming for availability of 15 AGATA triple clusters (1π solid angle coverage) for this physics campaign.

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 experiments they intend to propose.** 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. **All such proposals will have to be discussed at this workshop before being submitted to the LNL PAC.** This is to ascertain feasibility and to avoid overlaps.

We plan to hold an in-person meeting at LNL with an option of on-line participation. Possible travel restrictions related to the COVID-19 pandemic may force us to switch to a fully on-line version. Further details will be given in the Second Circular in early autumn 2021.

You are welcome to **submit Letters of Intent (Lols) for the above mentioned AGATA setups via the link <https://agenda.infn.it/event/26966/abstracts/> , with a deadline of October 18th, 2021.** They are expected to include a title, short abstract, and a pdf file 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: <http://www.lnl.infn.it/index.php/en/staff-and-users/95-english-2/251accelerators?showall=&limitstart=>

The Workshop will start in the afternoon of November 8th and will finish before lunch time on November 10th, 2021. 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, G. Zhang
- EUCLIDES: J. Pellumaj, D. Brugnara
- SPIDER: M. Rocchini, M. Balogh
- DANTE: K. Rezyunkina
- Gamma-ray scintillators: E. Gamba, S. Pigliapoco
- Plunger: I. Zanon

REGISTRATION

Participants are invited to register at the Workshop webpage:

<https://agenda.infn.it/event/26966/registrations/2636/>

The deadline for registration is October 25th, 2021.

IMPORTANT DEADLINES

- Lol submission: **October 18th, 2021**

- Registration: **October 25th, 2021.**

WEB PAGE

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

<https://agenda.infn.it/event/26966/>

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