



AGATA Campaign at LNL

Second Pre-PAC Workshop

LNL, October 5-7th, 2022

First Circular

Dear Colleagues,

We are pleased to announce the second Pre-PAC Workshop for the AGATA physics campaign at LNL. The workshop will take place on October 5-7th, 2022 at LNL.

The forthcoming LNL PAC meeting is scheduled for December 5-7th, 2022, and will evaluate experiments to be performed in the first half of 2023. 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. **We point out that all proposals using AGATA will have to be discussed at this workshop before being submitted to the LNL PAC.** This applies also to the projects that were discussed at the PAC meeting in February 2022, but have not been granted beamtime in 2022. By applying such a procedure, the collaboration hopes to avoid their potential overlaps with new projects.

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 summer 2022.

You are welcome to **submit Letters of Intent (Lols) for the above mentioned AGATA setups via the link (<https://agenda.infn.it/event/31038/abstracts/>), with a deadline of September 21st, 2022.** 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/31038/attachments/89786/120837/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, G. Zhang
- EUCLIDES: J. Pellumaj, D. Brugnara
- SPIDER: M. Rocchini, M. Balogh
- DANTE: K. Rezyrkina
- 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/31038/registrations/3088/>

The deadline for registration is September 28th, 2022.

IMPORTANT DEADLINES

- Lol submission: **September 21st, 2022**

- Registration: **September 28th, 2022.**

WEB PAGE

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

<https://agenda.infn.it/event/31038/>

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