



AGATA Campaign at GANIL

Pre-PAC Workshop 2015

GANIL, 11-13 February, 2015

Second Circular

Dear Colleagues,

This is the second circular of the AGATA Workshop that will take place in GANIL on February 11-13th, 2015. The aim of this workshop is to **discuss the proposals of experiments to be submitted to the GANIL PAC for the second AGATA campaign.**

The first campaign of experiments will take place in 2015, starting on March. Ten of the 25 proposed experiments using AGATA were approved in the previous PAC meeting on last April, most of them are schedule in the first semester of 2015.

The next PAC meeting will take place on 27-28th April 2015. For this second AGATA campaign two major setups will be available: **AGATA couple to VAMOS in vacuum mode and to the NEDA array.** This latter setup will be available by the end of 2016. Of course AGATA standalone will be available, as well as **coupled to other complementary detectors** (PARIS, FATIMA, DSSSD, plunger, etc.).

It is important to note that all proposals using AGATA will have to be discussed in this workshop before being submitted to the PAC. This is to ascertain feasibility and avoid overlaps.

Now, some useful information for the preparation of the proposals using the NEDA array:
For the NEDA setup, the efficiency of NEDA (~50 detectors) + Neutron Wall (50 detectors) for neutrons coming from a typical symmetric fusion-evaporation reaction in the Sn region is estimated in ~30% for the one neutron channel while for the two neutron channel the expected efficiency is ~3%. For DIAMANT, the expected efficiencies are 70% for protons and 50% for alphas.

Let us remind you that the deadline for **sending us the LoI is January 30th 2015.** Even if these will not be in the final form for the PAC, they are expected to have a detailed description of the experimental setup, beam (energy, intensity), target(s), and the justified request of beamtime. This will allow us to check the technical issues before and during the Workshop.

Please send the LoI together with the summary of the experimental details using the form attached to this circular.

The workshop will start at 14.30 on February 11th and will finish before lunch time on February 13th. It will be held at the conference room of the GANIL guesthouse.

All spokesperson will be invited to present the experimental proposals at the Workshop. These presentations will be of 10 minutes, with ample space for discussion.

We remind you that for the complementary equipment the contact persons are:

- VAMOS: A. Lemasson
- Neutron-Wall/ Diamant: G. de France
- EXOGAM2: G. de France
- MUST2 and Tiara: O. Sorlin and W. Catford
- PARIS: A. Maj
- OUPS Plunger: J. Ljungvall
- Cologne Plunger: Ch. Fransen

REGISTRATION AND ACCOMMODATION

Participants are invited to register at the webpage: <https://indico.in2p3.fr/event/10785/>

The deadline for registration is February 3rd, 2015.

IMPORTANT DEADLINES

- Proposals submission: **January 30th 2015**
- Registration: **February 3rd 2015.**

WEB PAGE

Updated information on the Workshop can be found at the web page <https://indico.in2p3.fr/event/10785/>

Do not hesitate to contact us for any further information.

Looking forward to seeing you in GANIL,

with best regards,

Silvia Lenzi and Emmanuel Clément