

N=Z Collaboration workshop

First circular



Several experiments focusing on the structure of $N \sim Z$ nuclei have been proposed at GANIL and are under discussion for the next Legnaro PAC meeting. In most of the cases, there is a large overlap in the participants to the proposed experiments, what we call the “N=Z collaboration”. At GANIL the experiments will use in particular -but not only- AGATA, NEDA and DIAMANT. At Legnaro this will mainly be GALILEO, NEDA and EUCLIDES.

AGATA will be at GANIL until 2018 and several campaigns are envisaged. These are corresponding to the coupling with 1) VAMOS vacuum mode, 2) NEDA+DIAMANT, 3) VAMOS Gas Filled Mode. In addition to these campaigns other detectors like LaBr₃ modules from PARIS or FATIMA, or CD Si detectors for instance will be used.

In order to optimize the use of the resources hence the potential physics outputs of the facilities, we organize a 2-day workshop.

The meeting will be held in the Venice International University, located in the island of San Servolo, in Venice.

It will start on Monday, May 4th at 2pm and will finish Tuesday, May 5 at 4pm.

The goals of the meeting are:

- Discuss the status of the data analysis for experiments performed in common
- Update the collaboration members on the status and performances of the various detectors of interest and in particular GALILEO, NEDA and EUCLIDES
- In view of the GANIL April PAC results, to discuss the experiment proposals which should be submitted to the next Legnaro PAC meeting
- Prepare the October GANIL PAC meeting which will probably be the last one using AGATA coupled to NEDA and DIAMANT.

It is important that anybody willing to propose an experiment to the next Legnaro and GANIL PAC meetings present the physics case, the setup and demonstrate as far as possible the feasibility of the experiment in each of the facility. This should also help the collaboration to better design the proposals.

Fee: A fee of 70€ will have to be paid by bank transfer to the Physics and Astronomy Department of the University of Padova

Registration and Accommodation: Registration will be opened from April 1st to April 20th at the workshop: <https://agenda.infn.it/conferenceDisplay.py?confId=9409>

There are some pre-booked rooms in San Servolo. The booking has to be done directly with the Venice International University as indicated in the workshop registration webpage.

Organizing committee: S M Lenzi, G de Angelis and G de France