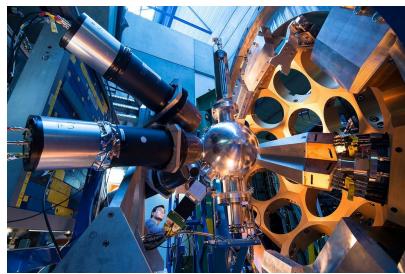


The 25th AGATA week and ACC Meeting



ID de Contribution: 59

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(online) Report on the AGATA experiment number 24.008

lundi 15 septembre 2025 14:30 (20 minutes)

We report on the current status of the Coulomb excitation experiment on ^{82}Se performed at INFN-LNL using the AGATA array and the SPIDER particle detector. The experiment aimed to investigate the low-lying nuclear structure of ^{82}Se through safe Coulomb excitation. Preliminary analysis of the online data has provided encouraging results, including clear identification of key γ -ray transitions. For the offline analysis, we have applied improved neutron damage corrections and refined the energy calibration. The ancillary detector events have been rebuilt using the updated ReadCaenRaw framework. We are currently processing the dataset with femul and resorting the events to enable precise Doppler correction. Preliminary spectra and insights from the online analysis will be presented, along with an update on the status and direction of the offline data processing.

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Classification de Session: ACC 1