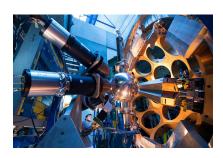
## The 25th AGATA week and ACC Meeting



ID de Contribution: **72** Type: **Non spécifié** 

## DSAM of 56Ni and 60Zn

mardi 16 septembre 2025 11:40 (20 minutes)

In this contribution, we will present the current state of the analysis of experiments 23.07 and 23.09 studying the  $^{56}$ Ni and  $^{60}$ Zn isotopes. The goal of these experiments is to investigate the N=Z region by measuring lifetimes using the DSAM technique. These experiments were performed back-to-back, using an identical 16O@80 MeV beam and an identical AGATA+OSCAR (dE-E telescope) setup. Currently, the analysis is still in the calibration phase in effort to optimize the energy calibration of the telescopes to achieve the best excitation energy resolution. Clean selection of the populated excited states is crucial for the final DSAM analysis.

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Classification de Session: ACC 4