

Development and commissioning of the ion implanter for the **HOLMES** experiment.

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- A beam line for implantation of ^{163}Ho atoms inside cryogenic micro-calorimeter for direct neutrino mass measurement by EC decay end-point investigation has been developed in Genova.
- The machine is calibrated by measuring reference spectra (Ar, Mo, Cu)
- R&D dedicated to identify the best way to embed Ho in ion source target
- First results with sinter-based (Zr/Y) target + ^{165}Ho showed beam current of O(200nA) @165 a.m.u.

