

Experimental hands-on day at HZDR: Accelerator Mass Spectrometry

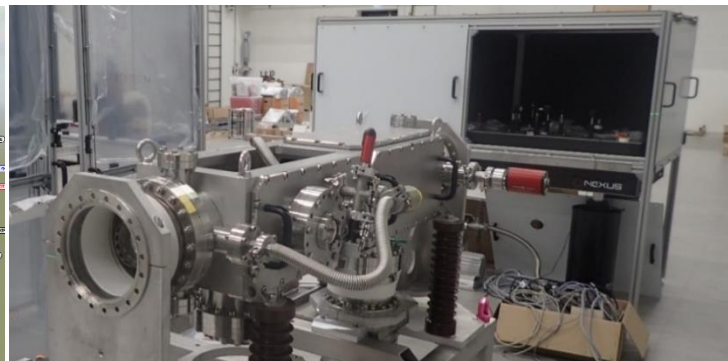
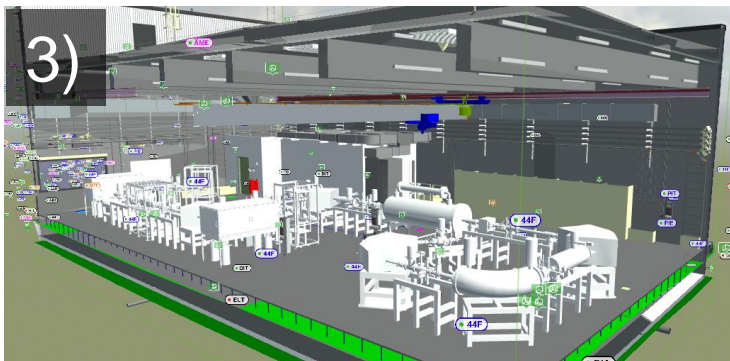


total ca. 10-12 students are separated in 2 or 3 groups
in turns they participate in:

- 1) hands-on work on ion source test stand:
mass scans of negative ions from different materials
- 2) performing a measurement of an isotope pair ($^{10}\text{Be}/^9\text{Be}$, $^{26}\text{Al}/^{27}\text{Al}$) at the 6MV tandem accelerator



- 3) lecture & tour on upcoming activities at 1MV HAMSTER facility (newly installed at time of NPA-XI school)



<https://www.hzdr.de/FWIR>