

ISOLDE Physics Group Meeting

minutes

Location: Room 26/1-022
Date: 16th January 2020
Time: 14:00-15:00

TECHNICAL NEWS

1. HIE ISOLDE:

- Description: The sas in building 170 must be emptied by Friday January 17th. The transport of cryomodule 4 from SM18 to the ISOLDE hall is scheduled for Tuesday January 21st. As a result, the Einstein, Balmer and Meyrin roads will be closed from 09:00 to 12:00. Entrance E will exceptionally remain open until 13:00.

2. New ISOLDE frontends/Nanolab:

- Description: The new GPS frontend is ready to be installed Tuesday January 21st. The HRS frontend has been built but a small vacuum leak has been detected. The NanoLab construction has been pushed back to the end of January.

3. LOW ENERGY ISOLDE :

- Description: The vacuum is back in ISOLDE this week. The Faraday cups/scanners control might follow a few weeks later. The beam line optics power supplies in the ISOLDE Low energy part were unlocked on January 16th.

4. Makeover of the GHM/GLM area:

- Description: The GHM/GLM areas makeover is currently waiting for RP to make a final decision on the proposed solutions.

5. Building 25:

- Description: A new superconducting magnet for the VITO setup was delivered last week. The magnet is not energised but it was delivered cold. It is currently stored in building 275. The paper work to allow its move to the ISOLDE hall is currently ongoing.

VISITS

A VIP visit from the ITER director took place on Friday 17th 2020.

ANY OTHER BUSINESS

1. A general clean up campaign of the ISOLDE hall is schedule as of 27th January. Special containers will be available outside the hall. All equipments will have to be checked by RP before being taken out of the hall.
2. As of 2020 there are no more technicians assigned to ISOLDE. Karl is currently looking for replacement solutions for small mechanical work.
3. Tim Giles will soon be leaving ISOLDE to go to the AD. No suitable replacement was found so far within the existing CERN personnel. This effectively means that manpower will be lacking at ISOLDE to perform beam line optics studies.
4. **The deadline for summer student application is on February 6th 2020. The projects description have to be sent to Varvara Lagaki and Gerda Neyens after submission.**

SEMINAR

This weeks seminar was given by Tom Manovitz and titled “Precise measurements of atomic isotope shifts with ions in a Paul trap”.