

ISOLDE Physics Group Meeting

minutes

Location: Room 26/1-022
Date: 11th December 2019
Time: 14:00-15:00

TECHNICAL NEWS

The most important news of the week is that ISOLDE received the green light from the Research Board to start the commissioning of the machine as early as Summer 2020.

1. HIE ISOLDE:

- Description: Due to the CERN-wide power cut which took place last week the test of Cryomodule 4 had to be delayed. Consequently, its installation at ISOLDE will be delayed by one week and is planned for the 21st of January 2020. In addition, the turbo pump maintenance in the REX section will require modifications to the holding structure of the turbo pumps as the replacement pumps are bigger than the one currently in use.

2. New ISOLDE frontends:

- Description: The assembly of Frontend 11 and the commissioning of Frontend 10 are both well on track. In January 2020, 16 old target units will be brought back from the Intersecting Storage Ring. 12 of them will be dismantled in the hot cell while 4 others will be kept for the commissioning of the new frontends.

3. MEDICIS :

- Description: There was a collection of 155Tb. 20kBq of activity were collected which is a bit lower than anticipated. A re-evaluation of some of the preparation of imported Tb sources for future collections will be performed. This week there will be tests of a modified ion source at MEDICIS, this is what Joao Pedro was working on before leaving for SCK.

4. Makeover of the GHM/GLM area:

- Description: The orientation of the first few steps of the staircase leading to the RILIS laser room and WISARD will be modified on Thursday 12th of December. The staircase will now follow more closely the LA1 beam line. This the first step towards the re-organisation of the GHM/GLM area.

SAFETY

A general safety inspection for building 508 took place on . Karl Johnston will provide more information when he receives the inspection report.

VISITS

This week's visit schedule was communicated by email.

ANY OTHER BUSINESS

1. The ISOLDE Christmas party will take place on the 13th of December 2019 in building 508.

This week's seminar entitled "Glasgow, we have a problem" is given by Dr. Matt Edgar from M Squared lasers limited.