

ISOLDE Physics Group Meeting minutes

Location: The meeting was held remotely via ZOOM

Date: 25th May 2021

Time: 16:0-16:15

TECHNICAL NEWS

1. SEPARATOR AREA :

- Description: Protons are back today at ISOLDE. The proton beam is being adjusted on the SEM grids. The intensity on target will slowly be ramped up over time on GPS this week. Last week, the beam permit was signed. Pictures of the target front ends were also taken. The separator area is now closed. The gas systems are operational and people are being trained to maintain it throughout the year.

2. MEDICIS:

- Description Not much to say.

3. ISOLDE HALL :

- Description: The NIM crates for the beam gate timing have been found and put back in place. Stable Ca beam was sent to ROC (COLLAPS beam line) this week. The COLLAPS team experienced some issues that they are now trying to solve.

4. TAPESTATION :

- Description: Basic TapeStation tests will use the radioactive beam. Also RILIS tests for the LISA project will be performed in the coming weeks. The new detector flange has been received. It needs to be cleaned before being installed. The noise issue is back and Razvan is following on that issue.

5. HIE ISOLDE :

- Description: The cryoplant recovery after the compressed air glitch from last week was rather smooth. After the work from Bruno, Liam and David ISS is now closed and ready for testing.

VISITS

1. Group visits are cancelled for the time being due to covid restrictions.

ANY OTHER BUSINESS

1. Recommendations and information related to the new-coronavirus outbreak at CERN can be found on this page : <https://hse.cern/news-article/coronavirus-information-and-recommendations>.
2. The ISOLDE newsletter is now out: <https://isolde.cern/isolde-newsletter-archive>

SEMINAR

This week's seminar entitled "A laser ablation ion source for Collinear laser spectroscopy & The ROC setup - collinear laser spectroscopy with <1 ion/s" was given by Tim Lellinger (PhD student in the COLLAPS group).