

ISOLDE Physics Group Meeting minutes

Location: The meeting was held remotely via ZOOM

Date: 04th March 2021

Time: 09:45-10:30

TECHNICAL NEWS

1. SEPARATOR AREA :

- Description: The magnets in the BTY line will be inspected in the coming week. Similar devices at the Booster were recently found to be faulty. Consolidation work will be performed in the future during the yearly shutdowns. FE11(HRS) is slowly being connected to the various services. The 3mm gap between the current and old position of the frontend was also spotted with the target change robots. It will be investigated whether this has a positive or negative impact.

2. MEDICIS:

- Description Not much to say. The glove box has been received and moved in place for installation.

3. ISOLDE HALL :

- Description: RILIS test with Sm and K beams were performed. It seems the installation of the PI-LIST is not affecting the emittance of the beam. REXTRAP has been maintained and will be put back in the machine today or tomorrow.

4. TAPESTATION :

- Description: The new prototype detector is being tested. A faulty CPU was replaced. However, timing is still proving to be a problem for testing with the beam gate.

5. HIE ISOLDE :

- Description: The commissioning of the machine is going well. The cool down of the cryomodules is in preparation.

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. A 17 days quarantine is now put in place if a member of your family is tested positive. The quarantine period for users coming to CERN was reduced to 7 days and a negative test is required at the end of the isolation period. **Please refer to the weekly COVID-19 mailing to keep up to date.**
3. If an experimental setup is interested in getting a new version of the scanners within their beamline they should manifest themselves. The price of such a device is on the order of 10 000CHF.
4. There is a long queue for proximeters. They will be obligatory to wear on site as of March 1st.
5. The crane was acting up on Wednesday evening. Please report all issues that you encounter with the crane moving forward.

SEMINAR

1. This week's seminar entitled "Study of $^{35,36,37}\text{Ca}$ by means of (p,d) and (p,t) transfer reactions" was given by Louis Lalanne (PhD student at IJCLAB)