

ISOLDE Physics Group Meeting minutes

Location: The meeting was held remotely via ZOOM
Date: 17th September 2020
Time: 14:00-14:30

TECHNICAL NEWS

1. Newcomers :

- Description: Gerda Neyens introduces Michail (PhD student with CRIS), Andrea Boa (working in the SSP group with Juliana) and Bruno Olaizola (CERN Research fellow working with HIE ISOLDE).

2. FRONTENDS :

- Description: The vacuum leak caused at the connection of the GPS front was fixed and vacuum tests are planned on 18/09/2020. Once S. Rothe is back from vacation, stable beam tests of the frontends will be performed.

3. MEDICIS :

- Description: Tests were made on the MEDICIS exchange point. The next MEDICIS collaboration meeting will be held on Thursday 17 Sept. .

4. TARGET UNITS :

- Description: The carburisation of 5th batch of UC_x. is ongoing. The aim is to produce 10 batches by the end of year.

5. ISOLDE LOW ENERGY :

- Description: A batch of 14 old FC and Scanner assemblies are in the process of being checked in b.179. Those which are not excessively contaminated will be given to various experimental groups in needs of in-beam diagnostics.

6. HIE ISOLDE :

- Description: Carbon ions are currently injected into Rex at 0.3MeV/u. Once the beam permit is signed, the proper commissioning of the cavities will be performed with higher energies. The operating team and Beam Controls are currently working on fixing some control issues. The latest bake out of the REXEBIS new electron gun seems to have solved the outgassing issue. Tests with Potassium ions will be performed soon.

7. GLM/GHM :

- Description: Paint work will be ongoing in the area next week.

VISITS

1. Group visits are cancelled until the end of 2020. Clarification of the procedure is necessary for visits of users which are on the white list.

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 crane will not be available on Monday 21st of September.
3. Quite a few people from the ISOLDE physics group are now on 14 days quarantine period due to suspected cases of COVID19. The medical service is asking close contacts. Close contacts are defined as people being in contact with a person suspected of being infected without masks for more than 15 min and at a distance < 2m within the last 4 days before the first symptoms. These people are also asked to auto-quarantine for 14days. It is virtually impossible to respect these stringent conditions while at lunch. Also it is asked to everybody to take particular during lunch to avoid having entire teams quarantined. It is also asked to keep a record of the people one has lunch with.

SEMINAR

4. A seminar entitled “High-precision mass measurement of neutron-rich krypton isotopes and technical developments at ISOLTRAP” was presented by I. Kulikov (PhD student in ISOLTRAP group).