

# ISOLDE Physics Group Meeting minutes

Location: Room 26/1-022  
Date: 4<sup>th</sup> March 2020  
Time: 14:00-15:00

## TECHNICAL NEWS

### 1. New ISOLDE frontends and targetry

- Description: Clean up of the target area is now over and all the necessary cables were pulled. Frontend 10 is now installed on the GPS frontend. Frontend 11 will go on the offline soon for testing and should be installed on HRS in the coming months. According to the provisional schedule of the frontends tests, stable beam won't be back at ISOLDE before June 2020. Preparatory construction work has been started for the future nano lab.

### 2. MEDICIS

- Description: MEDICIS is coming out of shutdown this week. The beam permit should be signed in the coming days such that collections can already be performed in the coming weeks.

### 3. Water leak at ISOLDE

- Description: There was a water leak in the old entrance area (close to the REX power racks) of ISOLDE. It is not the first time that it happens this year. Investigations are ongoing.

### 4. Overall of the GHM and GLM area

- Description: Concrete blocks will be moved in a semi-circle to better shield this area. In addition, a door will be installed to better monitor the access to this zone. Access to beam equipments located behind the blocks will now be possible through the LA1 area.

### 5. HIE ISOLDE

- Description: Tests are currently ongoing in the HIE ISOLDE tunnel to allow the signing of the beam permit. The Cryomodule4 safety valve is still leaky and investigations are ongoing.

### 6. ISOLDE LOW ENERGY

- Description: The ISOLDE beam permit will probably undergo some changes. More specifically, safety clearance for each individual experimental setup will most probably be required before the beam permit can be delivered. It is advised that all low energy experimental setups make sure that its safety files are up to date. There will be an

exchange of several full range gauges at ISOLDE. Setups including COLLAPS, CRIS and ISOLTRAP will be impacted.

## VISITS

1. Due to the SARS-CoV-2 outbreak all visits on the CERN sites are currently cancelled.

## 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 deadline for the selection of round 1 summer students is March 15. There will be a short meeting on March 11 after the PGM to discuss the list of selected students between the various experimental groups. Varvara is asking to receive the lists of the selected summer students before this meeting.

This week's seminar entitled "Shell evolution on germanium isotopic chain" is given by Tassos Kanellakopoulos (PhD student in the COLLAPS group).