

ISOLDE Physics Group Meeting minutes

Location: The meeting was held remotely via ZOOM

Date: 3rd August 2021

Time: 16:00-16:15

TECHNICAL NEWS

1. SEPARATOR AREA:

- Description: BTY line developed a leak which tripped the HV on both target stations. Targets were taken off. The leak was found quickly and the gauge responsible was promptly exchanged.

2. RILIS:

- Description: Start setting up the laser for the COLLAPS run.

3. TARGETS:

- Description: Used targets will be transported from the intersecting storage ring on Wednesday at 20:00. LaCx target for the upcoming ISOLTRAP run is currently being prepared.

4. HIE ISOLDE:

- Description: First ISS physics run with $^{30}\text{Mg}^{11+}$.

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 siren issue between MEDICIS and ISOLDE has been acknowledged by the people in charge. It won't be fixed for this year but it is agreed that during YETS a solution will be implemented. Thus the situation will improve for next years running period. In any case, if you hear a siren in the hall please go out of the hall and talk to an operator.

THIS WEEK'S PHYSICS

1. David Sharp gave an update on the ISS physics run. It is the first beam for physics to the ISS this year and it the first time that they run their new detector setup. Their aim is to measure the kinematics of the (d,p) reaction of ^{30}Mg to study single particle states into the first Island of Inversion. With the leak on the BTY line, it is a mixed first run but so far about 25% of the required statistics has been collected with a few days left of the run, which is promising.

SEMINAR

No seminar this week. Lectures by Robert Berger on Molecular Spectroscopy instead.