Week Summary Report

Supervisors: Pierre Korysko & Wilfrid Farabolini

A. Overall Summary

Week type: CLEAR commissioning
Date/Week Number: 28/02/2022 to 04/03/2022 (Week 9)
EDMS number: -

Beam time: 3 days
Fatal Failure time: 0 days
Installation time: 1.5 days
Number access: 6

<table>
<thead>
<tr>
<th>#</th>
<th>Experiment Name</th>
<th>Responsible</th>
<th>Institute</th>
<th>Installation time (h)</th>
<th>Access number</th>
<th>Beam time (h)</th>
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</thead>
<tbody>
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<td>1</td>
<td>CLEAR Commissioning</td>
<td>Pierre, Wilfrid, Vilde, Joseph</td>
<td>CLEAR</td>
<td>16</td>
<td>6</td>
<td>12</td>
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Weekly activity

The week was dedicated to restart the machine after the winter shutdown and to recover good beam parameters (transport, size, position, charge, energy, etc.).

B. Day by day report

Monday
- Cs2Te cathode RF conditioning.

Access: 1

Tuesday
- Laserists finalized the laser preparation.
- Davide started to implement parameters in the UCAP.
- First beam of the year.
- Achieved more than 80% transport.

Access: 2
Wednesday

- No beam.
- Debugging cameras, connecting cables, and re-aligning screens in the tunnel.
- Future experiments preparation (CHUV, Manchester, alanine pelets, etc.).

Access: 1

Thursday

- Beam commissioning.
- More than 90% transport.
- Achieved 3.5 nC/bunch.
- A few hours in the afternoon were dedicated to Joseph and Vilde for operation training.

Access: 1

Friday

- Beam commissioning.
- 94% transport achieved.
- CLEAR beam ready for users.

Access: 1

Other business

Additional resources

C. Main issues

D. Action needed to be followed up