

Linac3 – Week15

- Linac3 was restarted last Tuesday 13/04 after a two weeks stop to **replace the source plasma chamber** to a StSt version, for operation until the end of the year.
- Both ovens refilled with new Lead in a crucible with beak.
- Restart was delayed by an interlock on the source cooling flow (too high return pressure in the circuit). Temporary fix of increasing input pressure allowed to continue operation. CV later confirmed the problem and programmed an **intervention on the LEIR water station** during tomorrow's TS to reduce the return pressure in the circuit.
- First beam extracted on Wednesday afternoon, after HV conditioning and slow voltage ramp-up procedure to avoid sparking.
- **Stripping foil exchange** on Friday to GSI-125 ug/cm² type
- Noise observed on ITF.BSG05 SEMgrid now under investigation by SY-BI
- First tests on a Linac3 energy measurement application
- Debuncher cavity restart problem now under investigation, possibly due to multi-pactoring.