Ion sources



LSA model / data supply:

- Source: Source App

- LEBT: LSA

Source App

- Advanced development, in operational use
- Stand alone trial 2024, stand alone operation 2025
- Independent from new CS, FESA compatible

Timing / arrangement

- Separated timing, e.g. as one chain per source, timing parameters entangled with UNILAC chains
- How to allocate source, LEBT and following UNILAC into chain(s), propagate settings?

Source teststands

- Timing: Similar to UNILAC sources, additional timing group/chain, independent from UNILAC
- LSA model for teststand beamlines
- Operational independently from UNILAC → testbed vor controls development