Simulation of adiabatic trapping with space-charge effects

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- Multi-Turn Extraction: used at the CERN Proton-Synchrotron to adiabatically split beams
- Experimental measurements: possibly non-negligible space-charge effects
- We simulate an adiabatically split beam with self-consistent space-charge forces
- Adiabaticity → long sim. times → GPU-accelerated code





