Operating the HERA resonant depolarizer

- Getting started
  - Kicker magnet, driven by frequency generator
  - Switch on, carefully increase amplitude (2 hours)
  - Scan frequency range 20–22 KHz with 1 Hz/second (1 hour/scan) until resonances are found (3 hours?)
- Risetime calibration
  - Depolarize beam, measure risetime (2–3 hours per scan, 20 scans total). Avoid beam-beam effects: no collisions.
- Proposal (review each Tuesday)
  - HERA contacts Polarimeter (4136) if $I_e < 20\,\mathrm{mA}$ or no protons for more than 2 hours.
  - If depolarizer expert is ready:
  - HERA minimizes disturbing effects (seperate beams or dump protons)
  - Experiments switch off detectors (safety)
  - After 2-3 hours ask Polarimeter expert to stop

$\rightarrow$ About 2 hours of HERA per work-day for depol.

Note: need > 15 mA (good polarimeter performance)