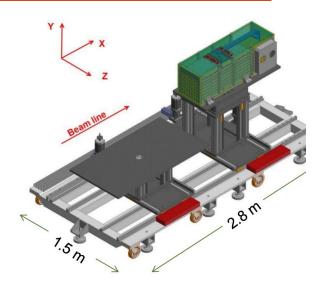
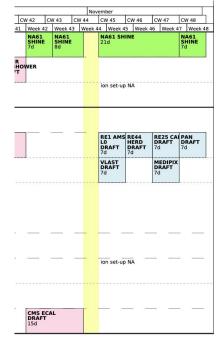
## HERD 2024 SPS Ion Run Time

- HERD prototype
  - includes silicon and fiber trackers, plastic scintillator, calorimeter
  - all sub-detectors will be mounted on HERD table
- beam time preference
  - for SPS proton, negotiation with CMS ECAL undergoing. Results will be provided to beam coordination team for approvement
    - parallel installation(PPE134) with CMS ECAL(PPE164) in week 42
    - take SPS proton beam at any available opportunity in week 43
  - for SPS ion, we prefer to
    - keep the setup in PPE134 in CW45
      - avoid dis-mounting and mounting
    - take data in CW46





## HERD 2024 SPS Ion Run Requests

- beam requirements
  - fragmented beam (A/Z = 2.2)
    - e.g., Z = 1- 40, and higher proportion of heavy nuclei
    - energy as high as possible
  - 1 2k particles/spill
- infrastructure requirements
  - 1 XSCA table with remote control
  - a rack near the detector, several tables for PC and power
  - crane for the installation and de-installation