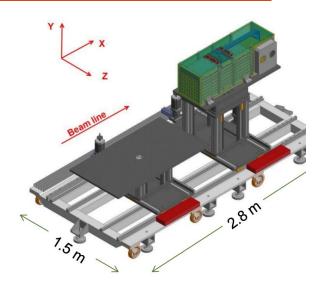
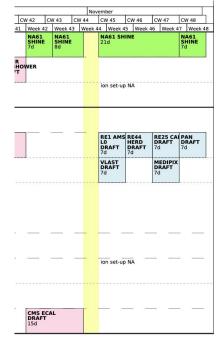
HERD 2024 SPS Ion Run Time

- 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