TOMAR. Operation on pure freon

- **MOTIVATION.** Check if we can run on pure Freon, which has implications on DAQ box (Do we need to house GAS distribution to operate outdoor?)
- **STATUS.** Running on pure freon for more than a week. High efficiency and only a few % of streamers. **HV insulation issue?**



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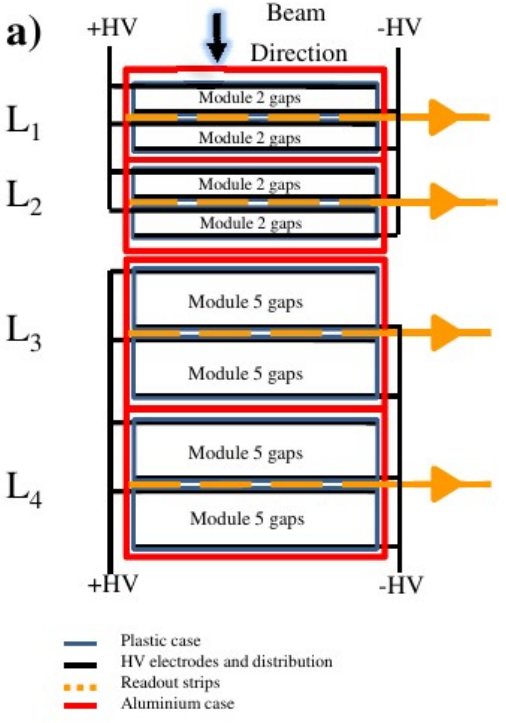
12th WORKSHOP ON RESISTIVE PLATE CHAMBERS AND RELATED DETECTORS,
23–28 FEBRUARY 2014,
TSINGHUA UNIVERSITY, BEIJING, CHINA

Performance of timing resistive plate chambers with relativistic neutrons from 300 to 1500 MeV

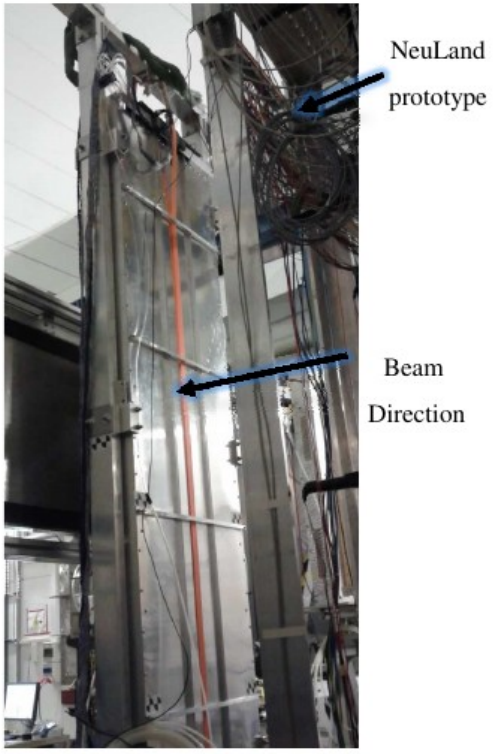
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a)

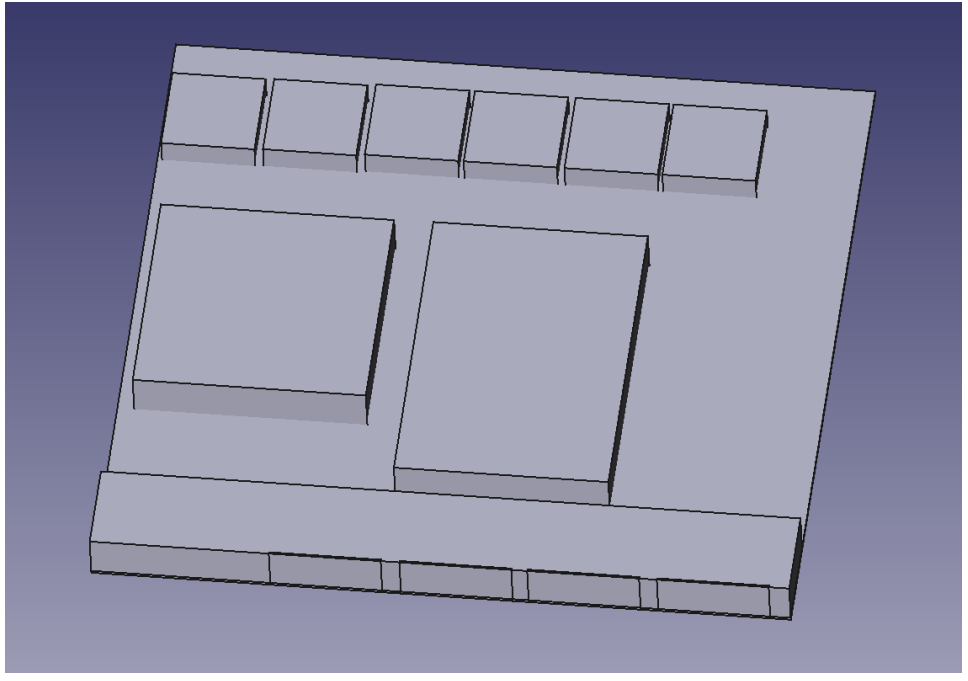


b)

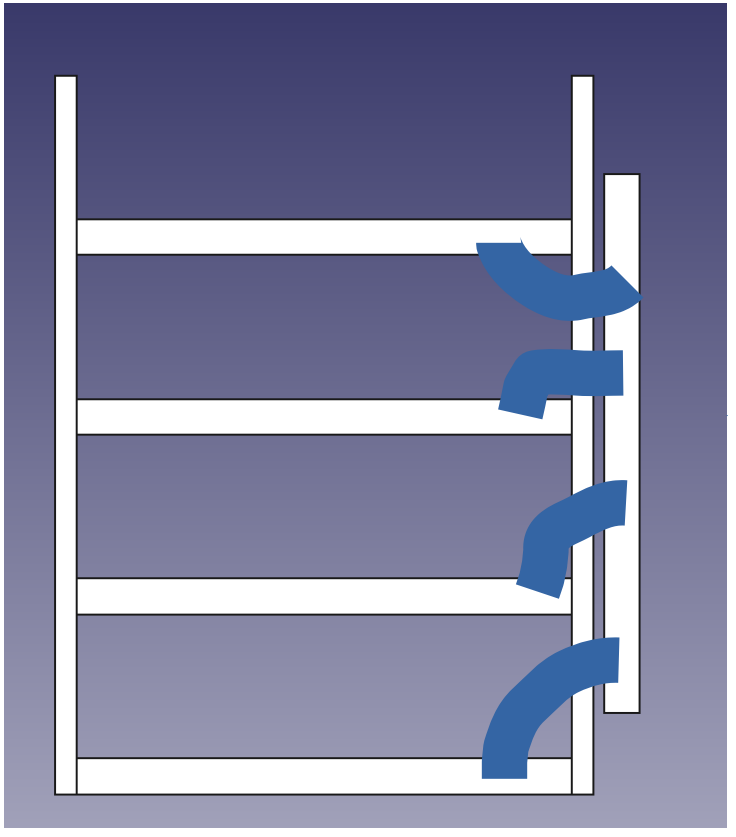


TOMAR. Design.

- Mechanical Engineers have all the **modifications** needed for TOMAR planes. They are working on that.
- I started thinking on the DAQ box and the telescope structure. **Final LV PS** is now installed and **final connectors** on the feedthrough has been tested.



Dummy DAQ box, with TRB3, PC, PS
And feedthroughs.



TOMAR technical design report progress very slow!!!