

HMB v3.1000

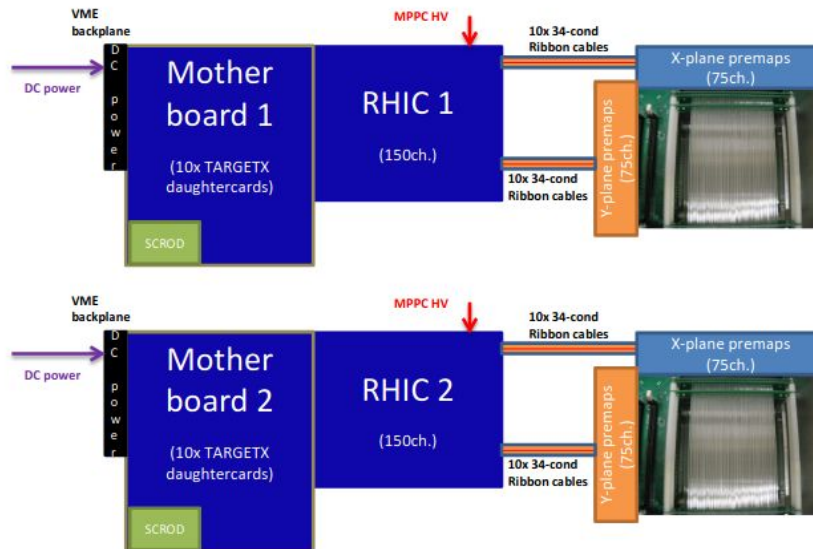
Mechanical adaptations/ CAD design

Salvador Ventura, Chris Ketter, Shivang Tripathi

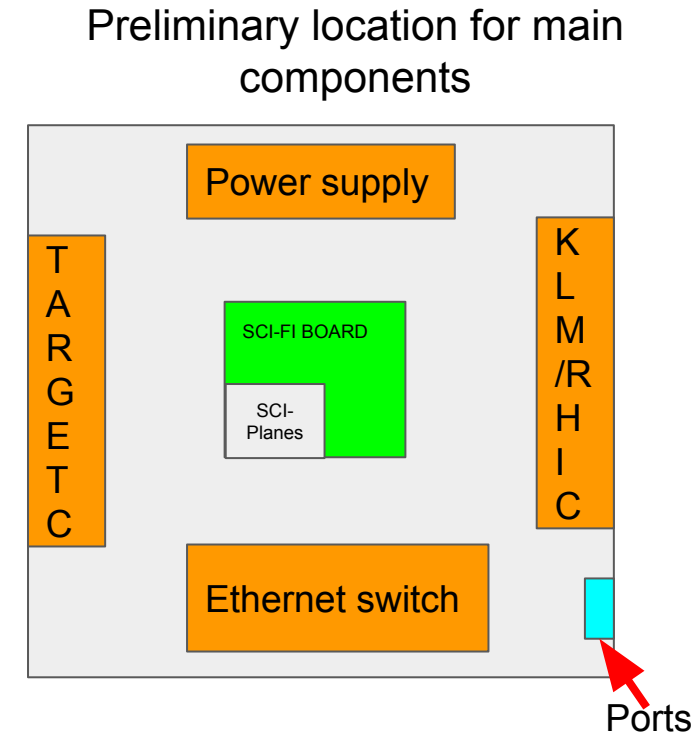
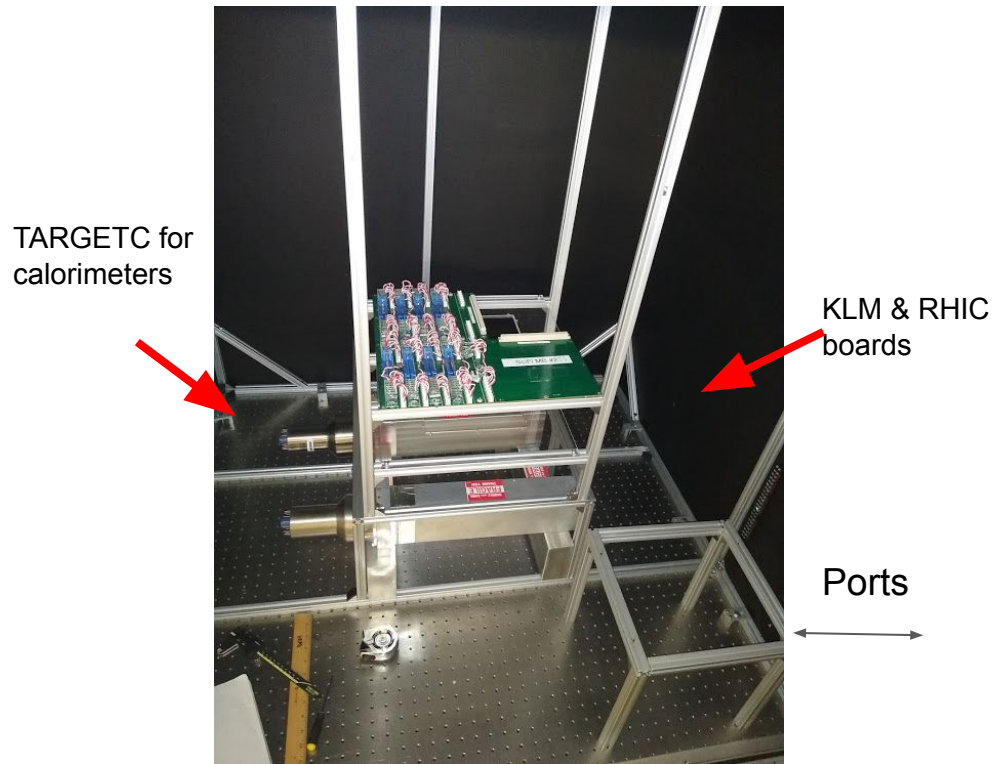
Boards to be mounted

1	Design/fabricate KLM MB/RHIC mounts	Chris	Sunday session - engage Salvador and Shivang
2	Design/fabricate Sci-Fi mounts	Chris	Sunday session - engage Salvador and Shivang

- KLM MB
- RHIC
- TARGETC
- SC|FI



KLM, RHIC & TARGETC boards

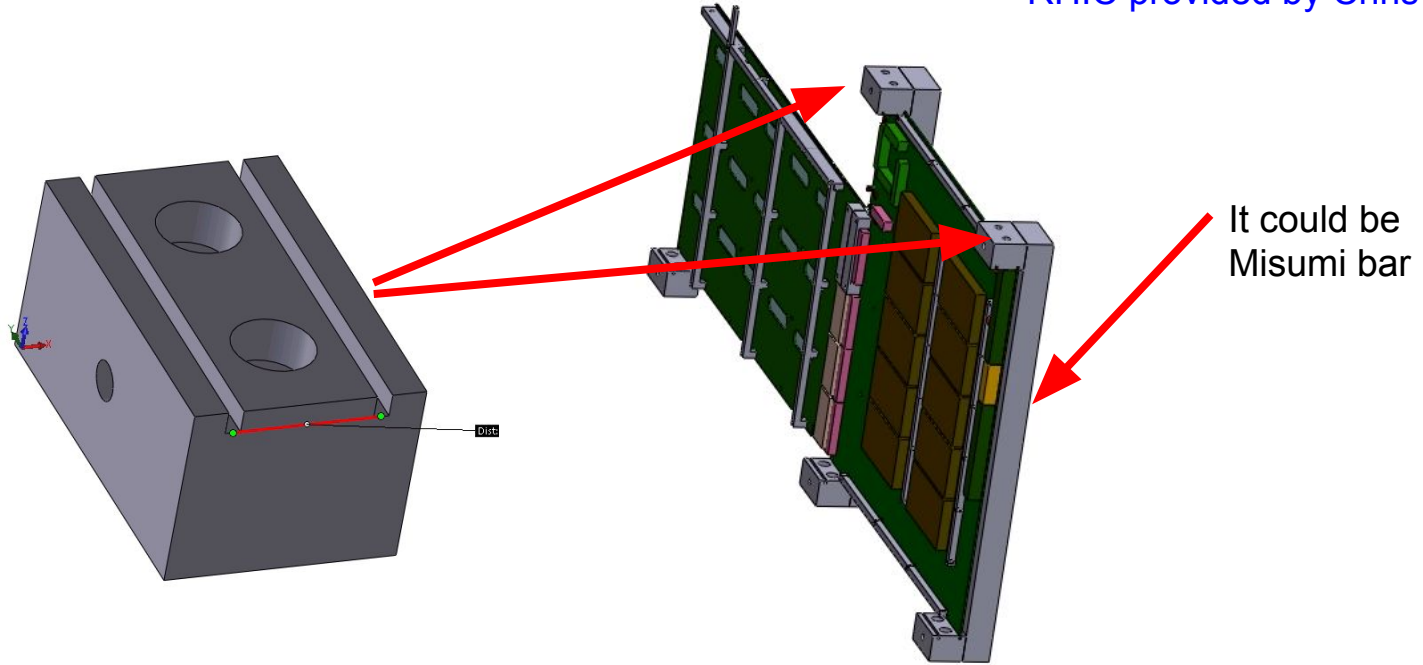


What other components to consider ?

KLM, RHIC & TARGETC boards

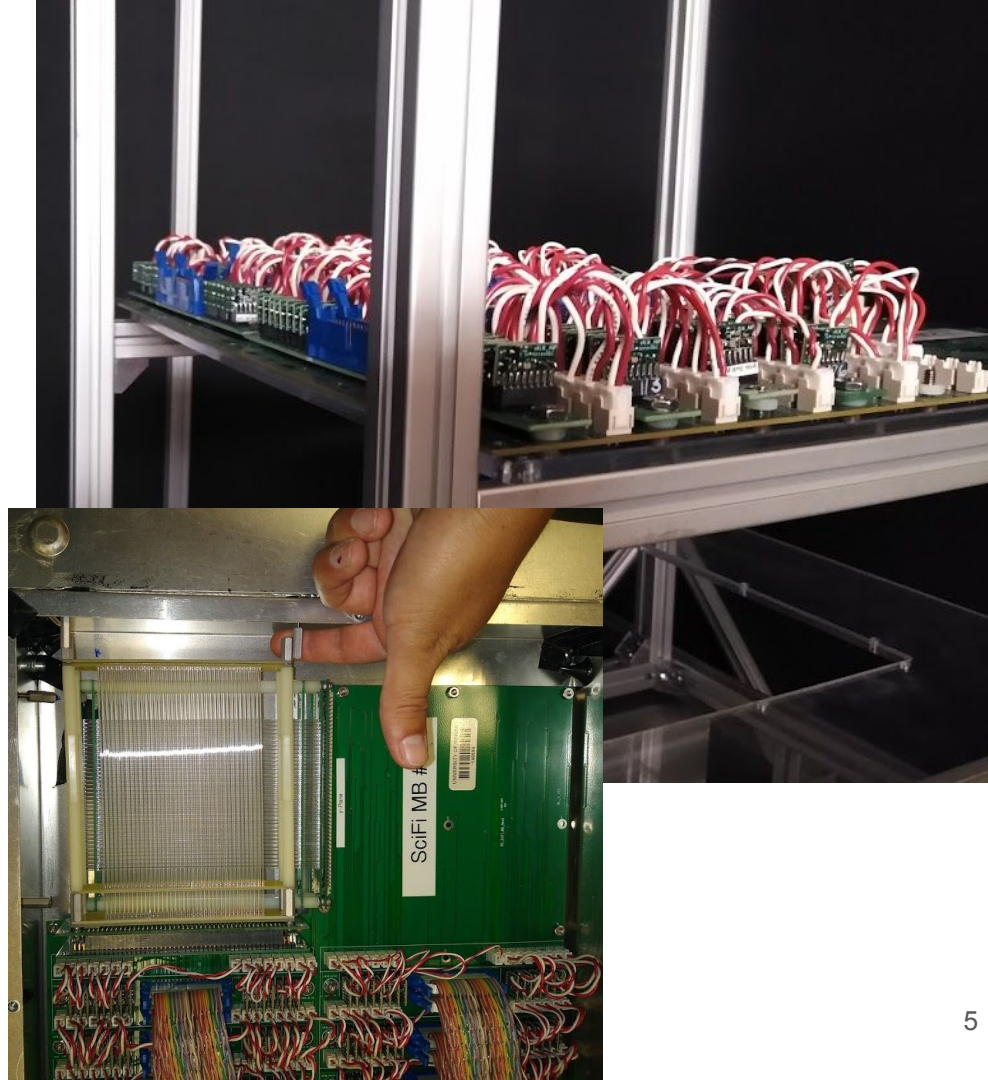
3D models for KLM MB and
RHIC provided by Chris

Preliminary 3D
printed mount
design



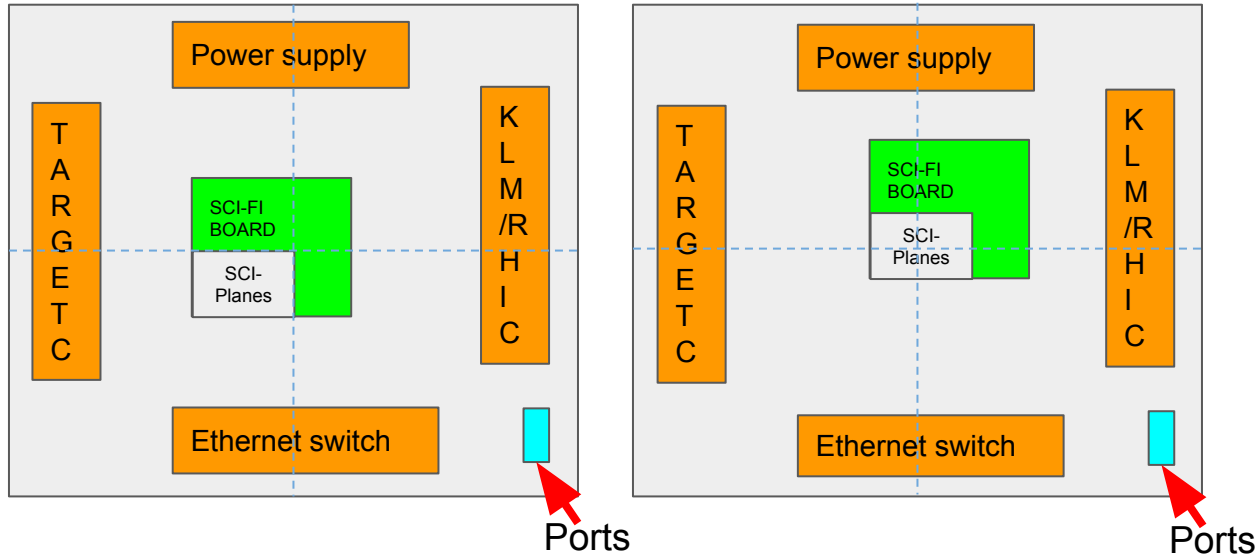
SCI-FI MB mounting

- Acrylic base
- As minimum requirement, a hole pattern is needed for mounting SCI-FI MB.
- SCI-FI MB CAD model to be done
- 3D printed (?) support needed for fiber planes



SCI-FI MB mounting

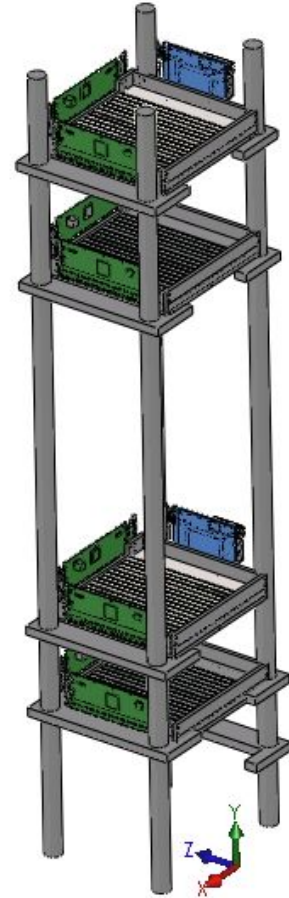
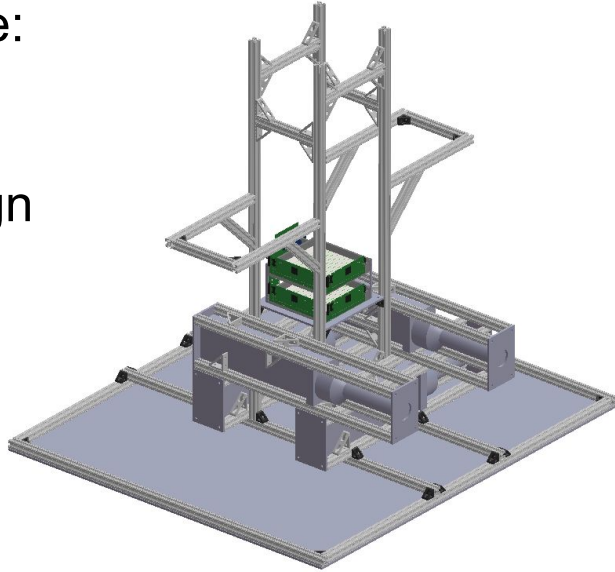
Centering the planes ?



HMB CAD designs to update

To reuse/verify/update:

- Bottom frame
- Calorimeter design
- Misumi bars
- Tower



Other mechanical tasks

- Calorimeter mounting design and fab
- Ports box
- Something else ?

