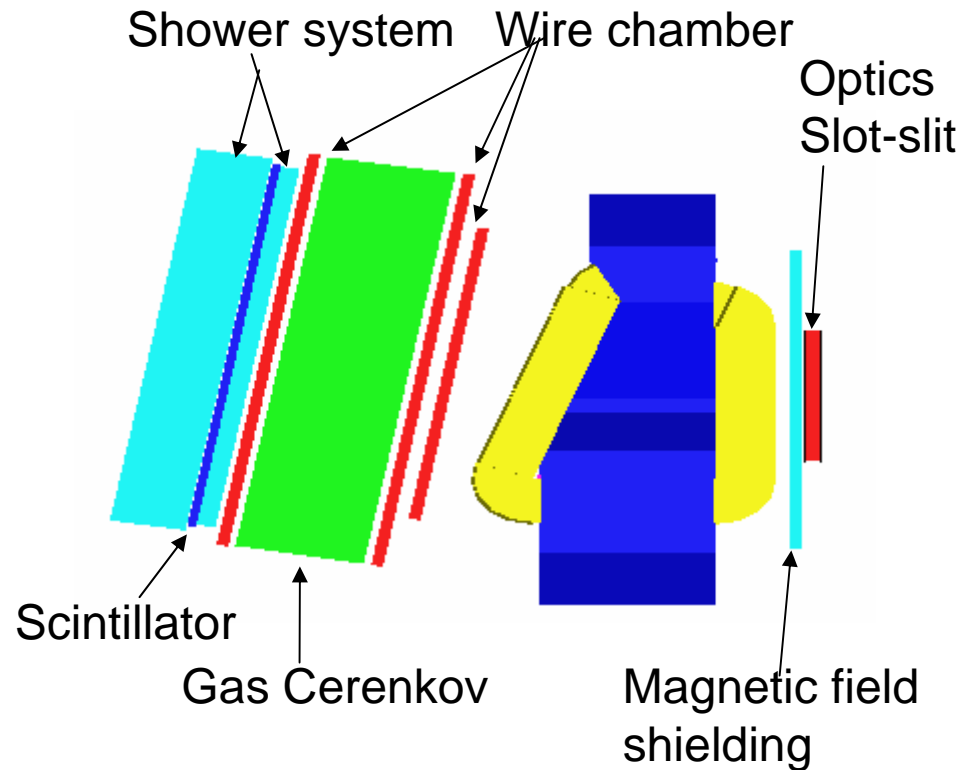


BigBite Chamber-2 Test Preparation and Next Stage Of Chamber Test

Xin Qian,
Youcai Wang



Hardware Progress (I)

- Ribbon cable (signal lines):
 - ~ 20 100 feet cables.
 - ~ 45 18 feet cables from amplified cards (AC) to level translators (LTs).
 - Install 4 patch panels at detector side.
 - Install 6 LTs.
- Low voltage lines (ready for Chamber2).
 - Make about 45 low voltage connectors for AC.
- HV lines (ready for chamber2).
 - Found ~20 HV cables, reorganize all HV lines.
- Gas line (already started flowing gas, ready)

Hardware Progress (II)

- AC cards (installed for Ch2, all looks good)
- Other progress
 - Chamber-3 almost ready to be removed.
 - Constructed 2 cabinets, 2 shelves.
 - Help hadron arm doing ribbon cables.
 - Redo the power lines for all level translators.

Hardware To Do

- Need to do remote control for threshold of AC (working in progress with Jack).
- Need to add power supply for level translators (working in progress with Bill).
- Layout the ribbon cables for chamber-2
- Install the ribbon cable supporters on frame.
- Layout the ribbon cable from level translator to FASTBUS.

Goals

- Check new AC board.
- Check 0.7 efficiency.
- Make sure Chamber-2 is good.
- Fixing Ch-1 and Ch-3
- Software:
 - Read HV and threshold into data stream?
 - TRANSVERSITY Monte-Carlo
- How to align chamber? (together with optics, MC)

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