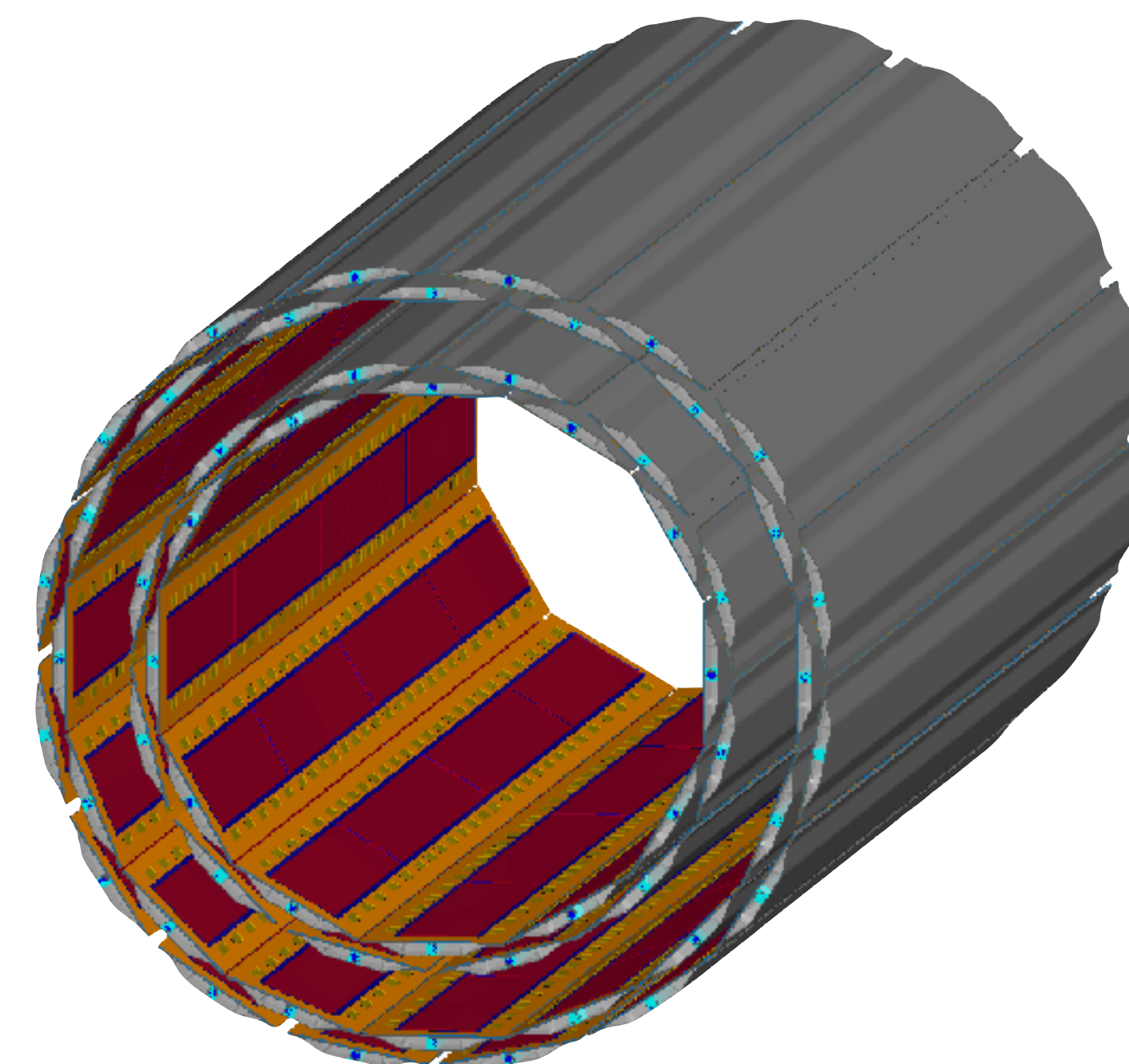
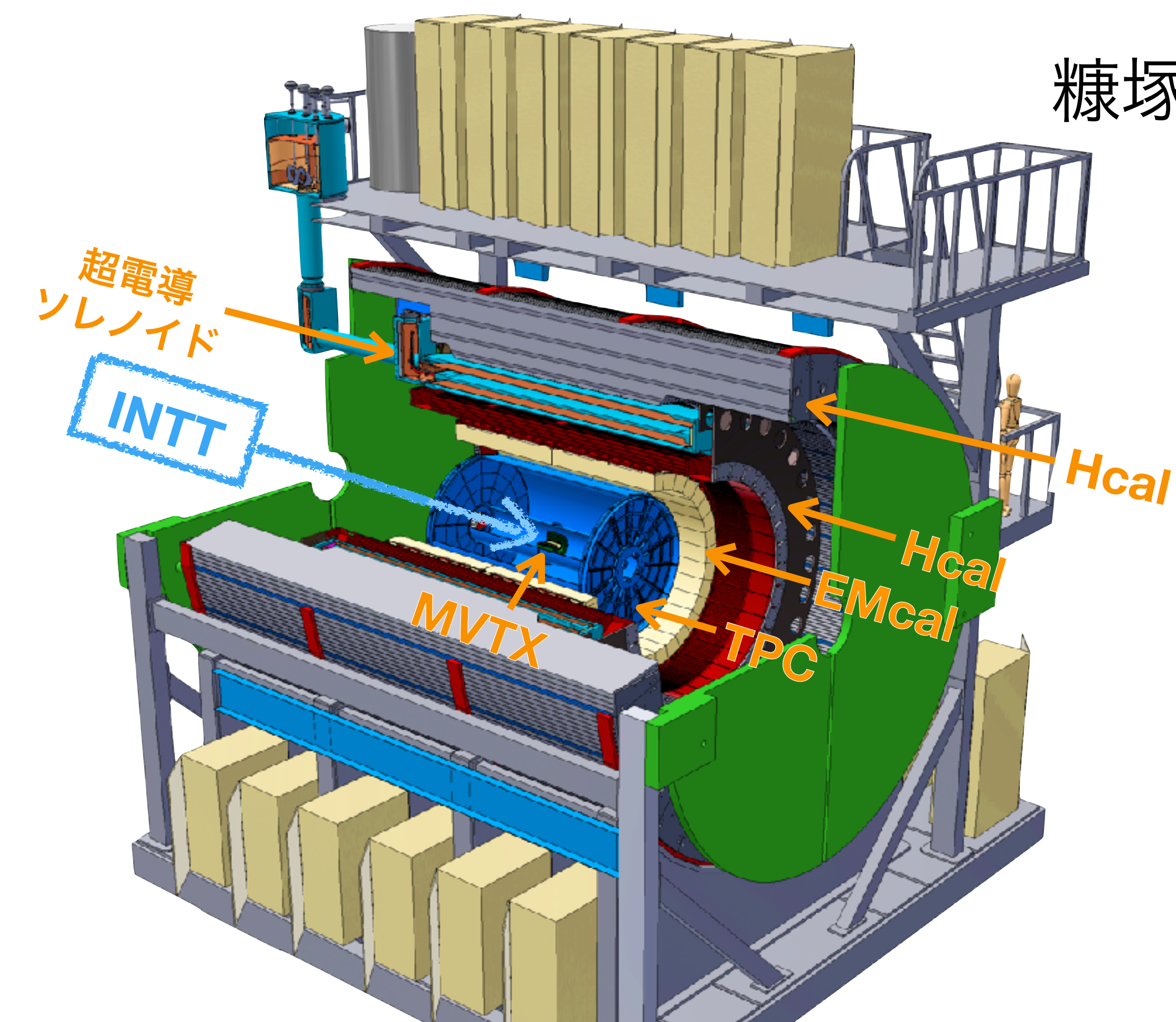


INTT バレル構築の状況

~ver 20220629~

糠塚元気 (RBRC)

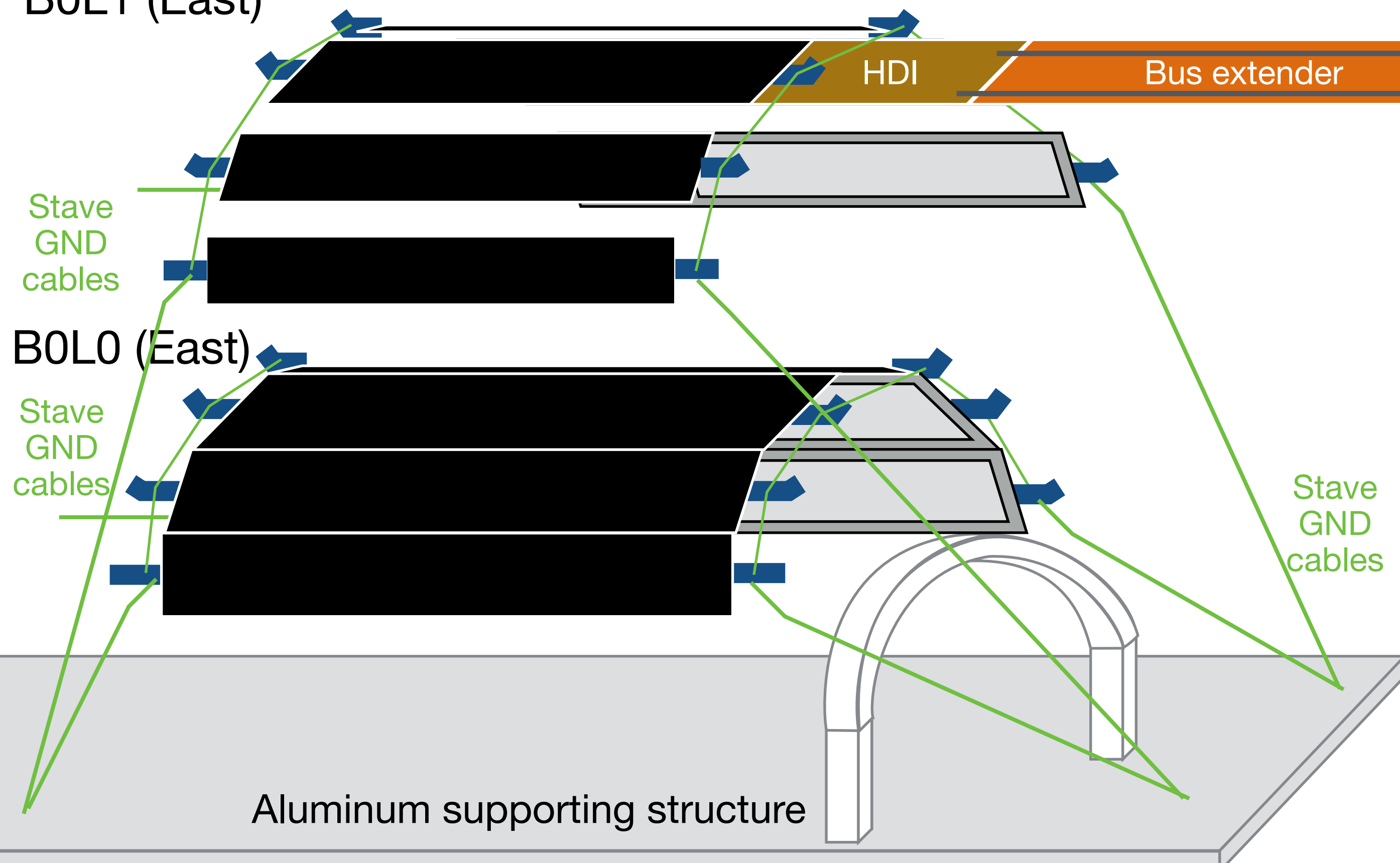


2022/07/06~2022/07/13

The barrel calibration tests



B0L1 (East)

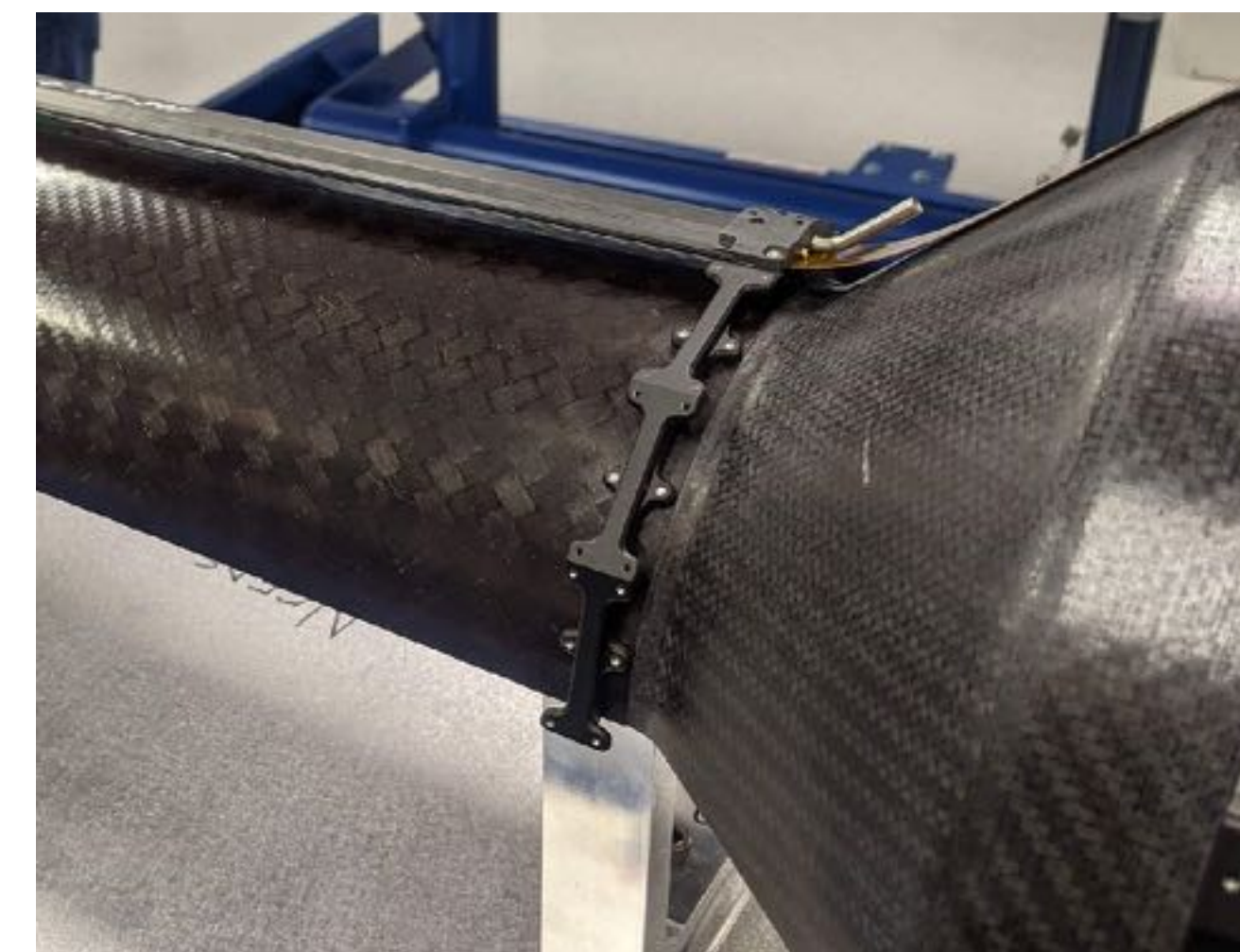


ROC power supply cables to the power supplies

to the bias power supply

Bias cables

Conversion cable

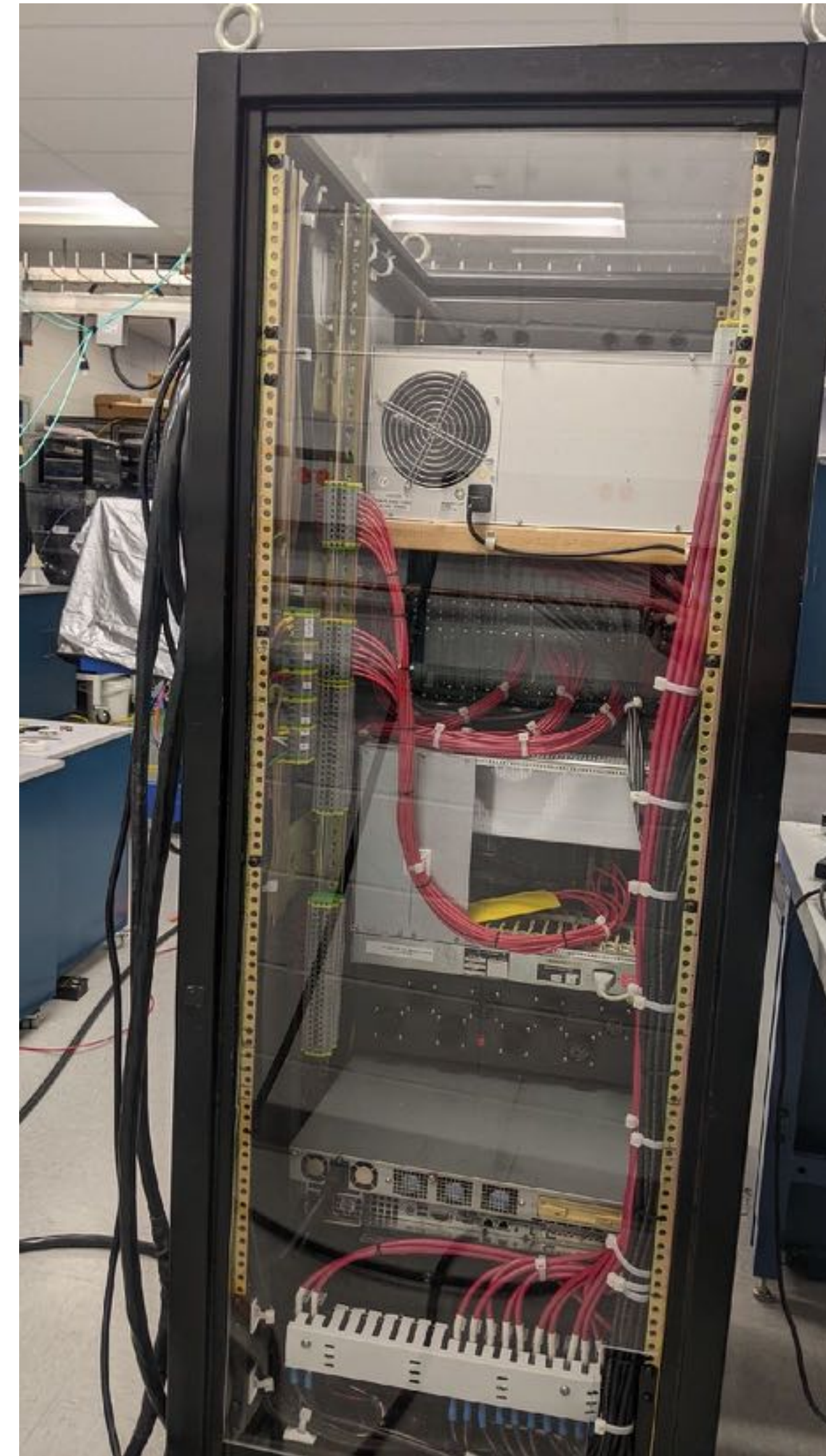
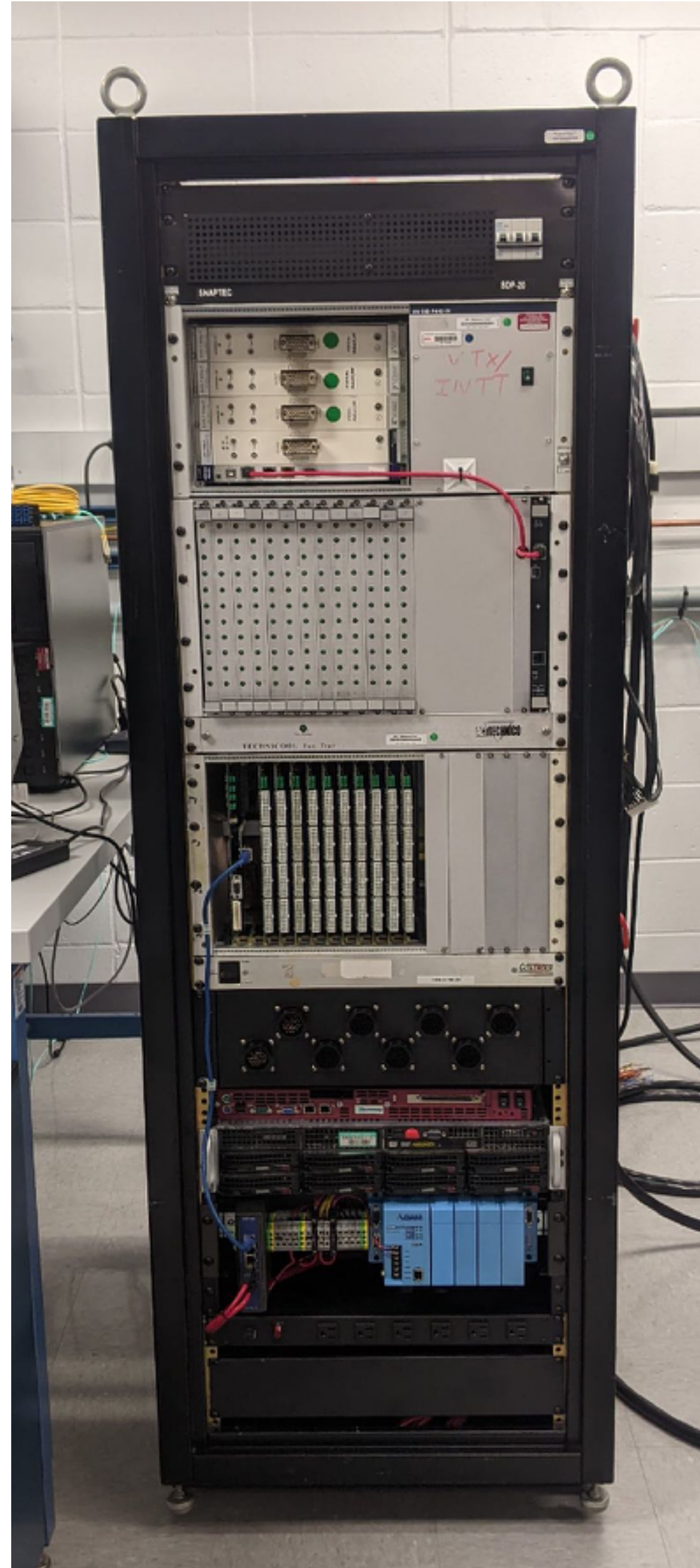


Without the stave GNDs connection to the aluminum supporting structure,

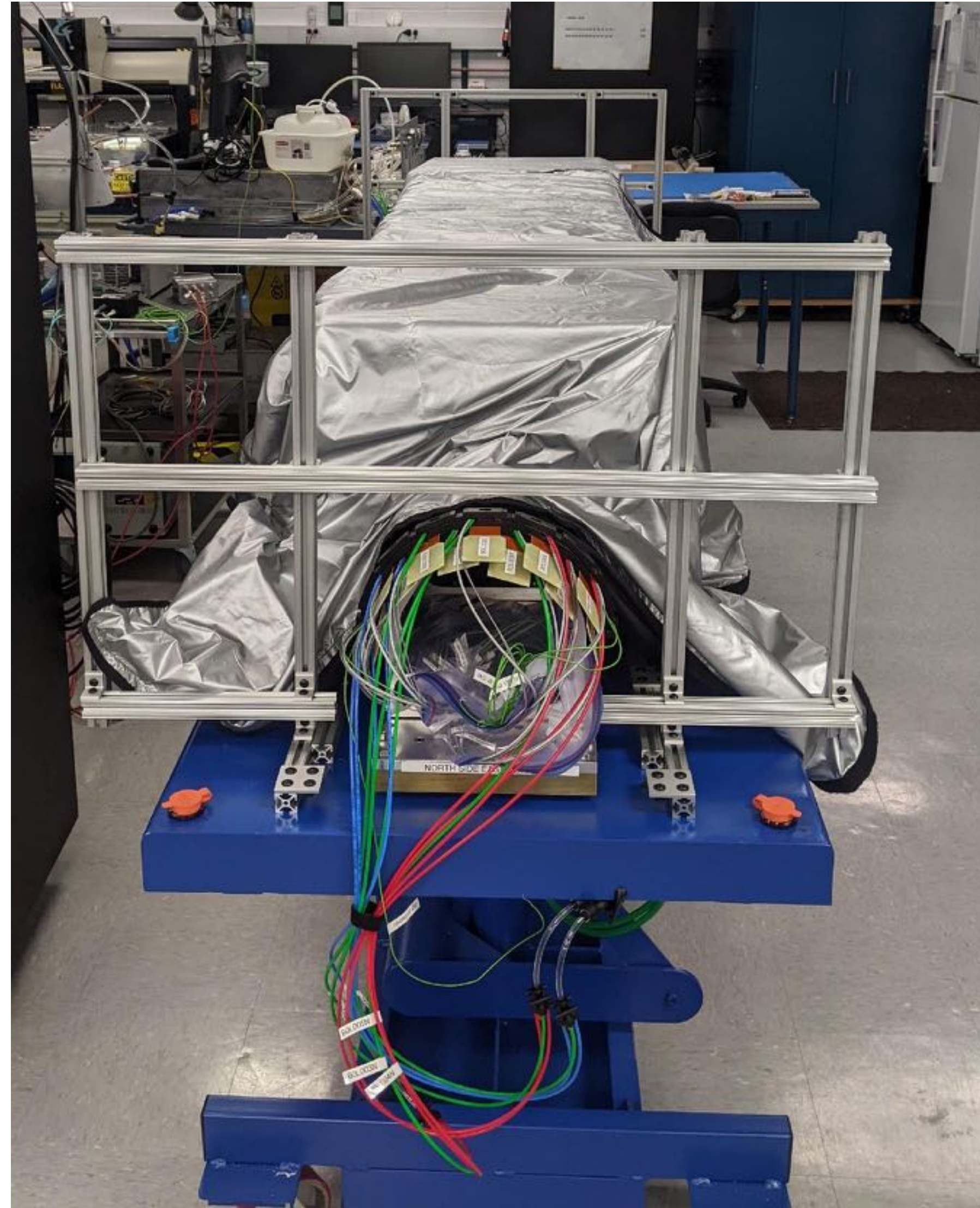
B0L0 $\longleftrightarrow$ the supporting structure: $\sim 0 \Omega$

B0L1 $\longleftrightarrow$ the supporting structure: 180Ω
Note: CFC cone omitted

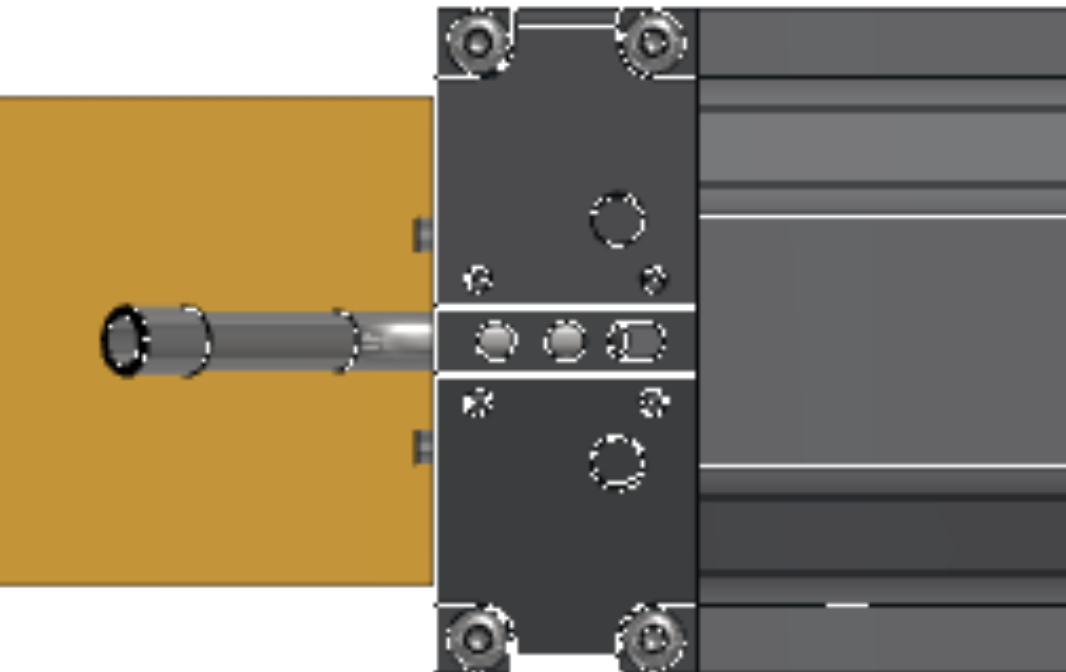
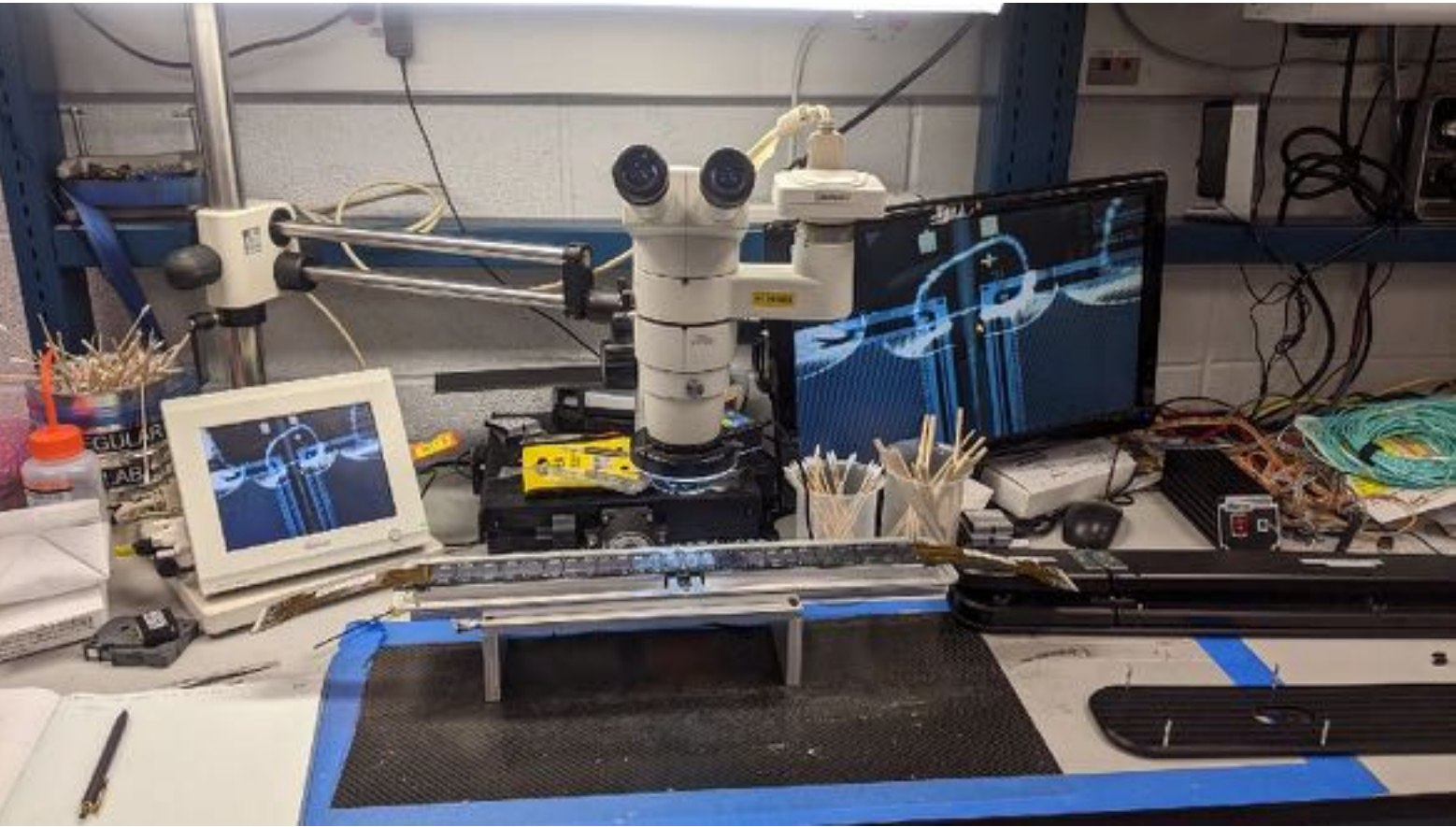
Low voltage 用の新しいラックが来た



バレルラダーテスト用の ROC 固定フレーム増設



台湾ラダーのチェック



sPHENIX Geant4 INTT モデルのアップデート

Revert "The phi offset of the INTT barrel changed" #533

Merged pinkenburg merged 1 commit into `master` from `revert-532-master` 4 days ago

Conversation 4 Commits 1 Checks 0 Files changed 1

Changes from all commits File filter Conversations Jump to 0 / 1 files viewed Review changes

```
@@ -49,7 +49,7 @@ namespace G4INTT
49  int nladder[4] = {12, 12, 16, 16};
50  double sensor_radius[4] = {7.188 - 36e-4, 7.732 - 36e-4, 9.680 - 36e-4,
10.262 - 36e-4};
51
52 - double offsetphi[4] = {-0.5 * 360.0 / nladder[0], 0.0, -0.5 * 360.0 /
nladder[2], 0.0 };
53
54  enum enu_InttDeadMapType // Dead map options for INTT
55  {
49  int nladder[4] = {12, 12, 16, 16};
50  double sensor_radius[4] = {7.188 - 36e-4, 7.732 - 36e-4, 9.680 - 36e-4,
10.262 - 36e-4};
51
52 + double offsetphi[4] = {0.0, 0.5 * 360.0 / nladder[1], 0.0, 0.5 * 360.0 /
nladder[3]};
53
54  enum enu_InttDeadMapType // Dead map options for INTT
55  {
```

- 配列要素の値を変えたただけなのに、evaluator なるものがクラッシュしたので、変更が巻き戻された
- マクロレベルでの値の変更が下流（トラッキングの Acts ?）に影響しているようだ
- INTT 以外の検出器でも起きうるので、将来的にアライメント補正などを加えることを見越して、バグ修正をすることになりそう

Revert "The phi offset of the INTT barrel changed" #533

Merged pinkenburg merged 1 commit into `master` from `revert-532-master` 4 days ago

Conversation 0 Commits 1 Checks 0 Files changed 1

pinkenburg commented 4 days ago Member

Reverts [#532](#)
This crashes our evaluator - it needs further investigation before we can use that

Revert "The phi offset of the INTT barrel changed" Verified 3a49ce4