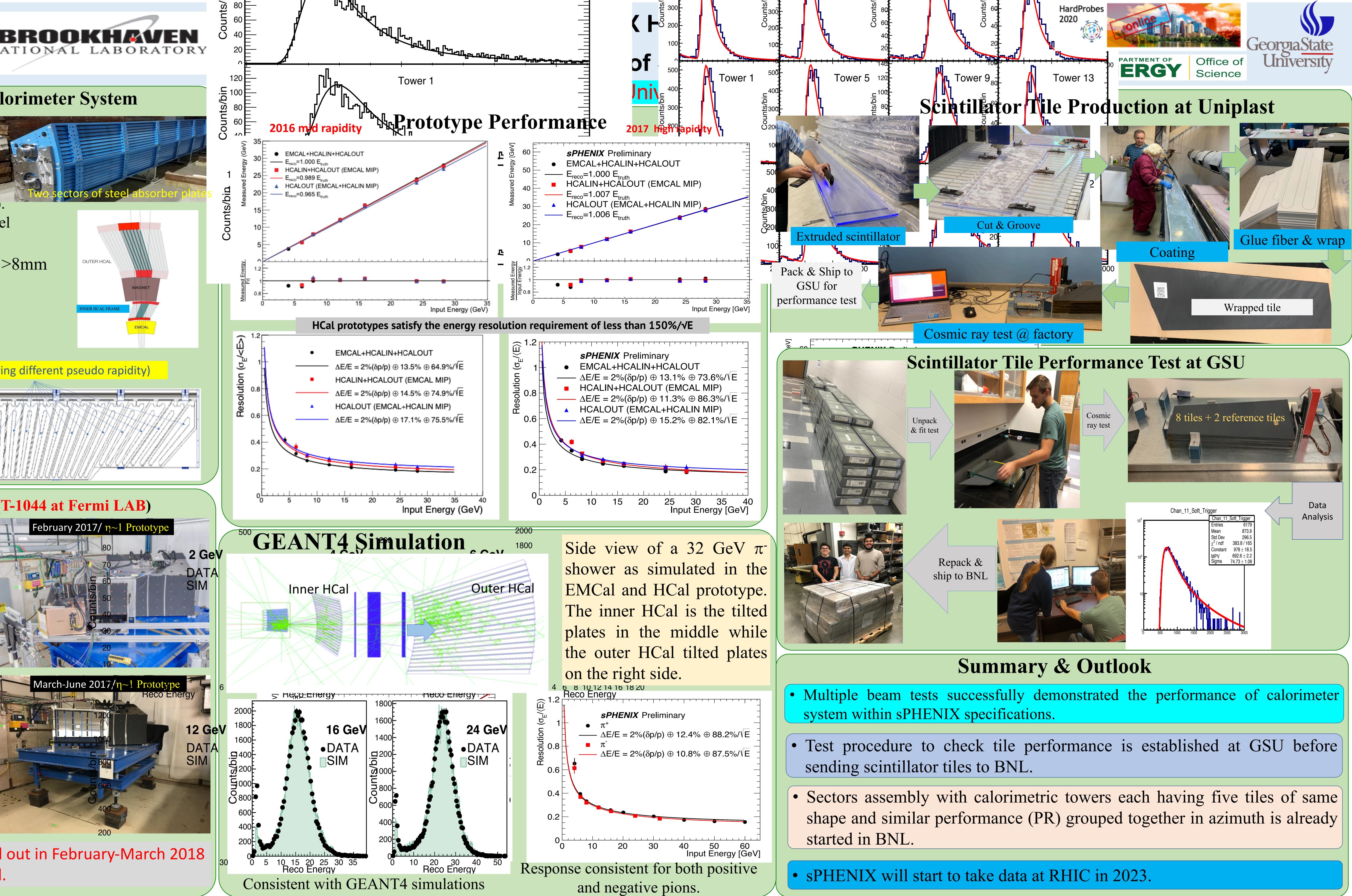
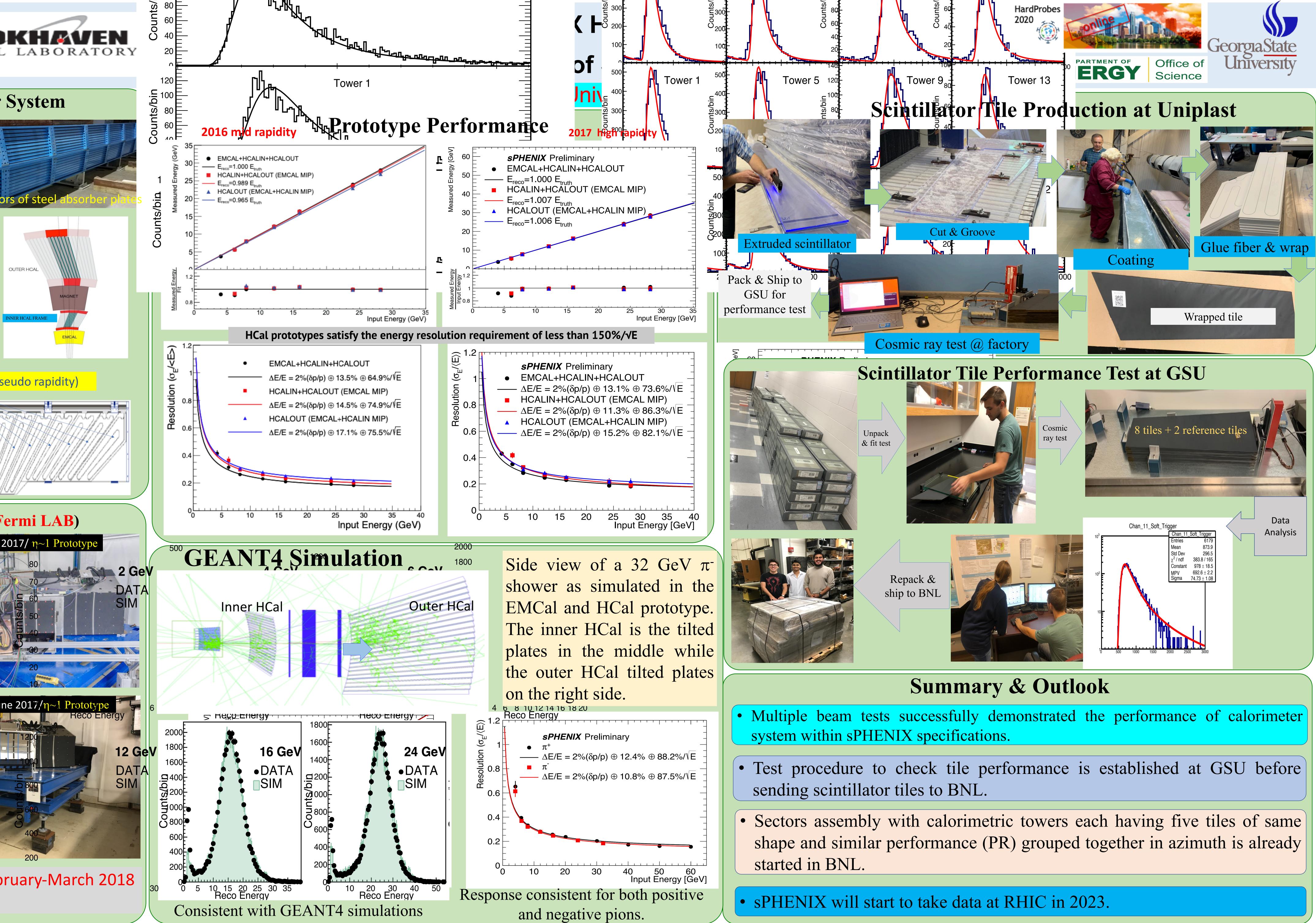


sPHENIX Hadronic Calorimeter System

- Essential for Jet Physics Program.
- 32 Sectors.
- 48 tower per sectors.
- 5 scintillator tiles per tower.
- 1536 readout towers (7680 SiPM's).
- 7,680 tiles sandwiched between steel absorber.
 - Each sector has 10 rows with >8mm gap between steel absorber.
 - 24 tiles per row.
 - 240 tiles in each sector.

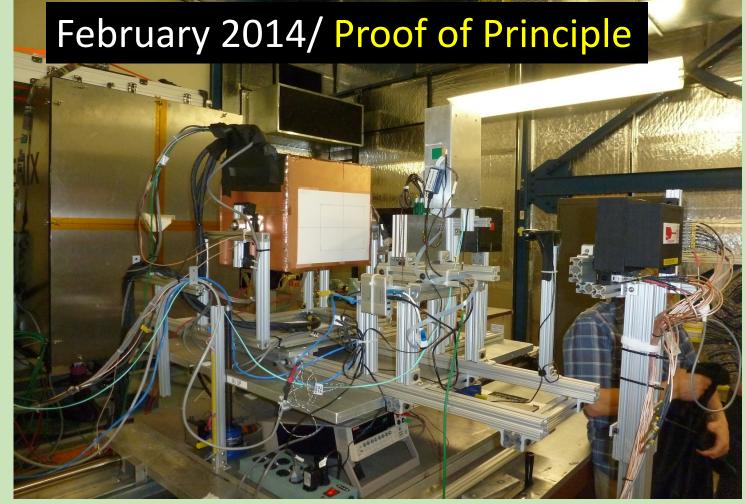


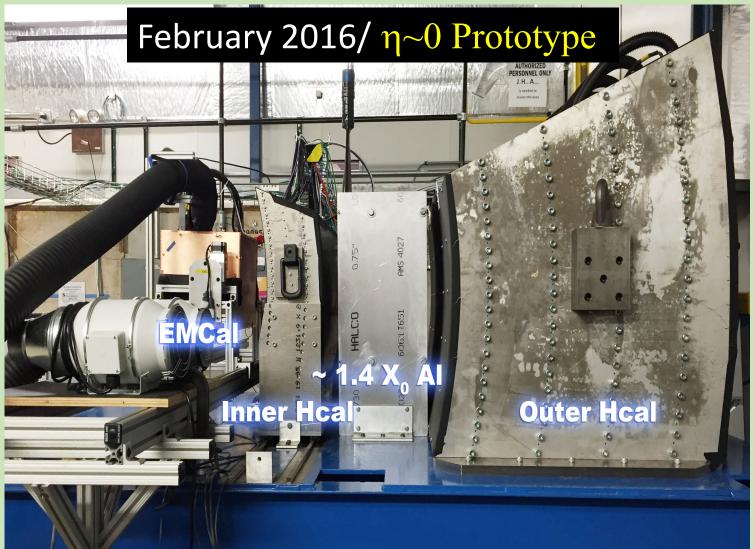


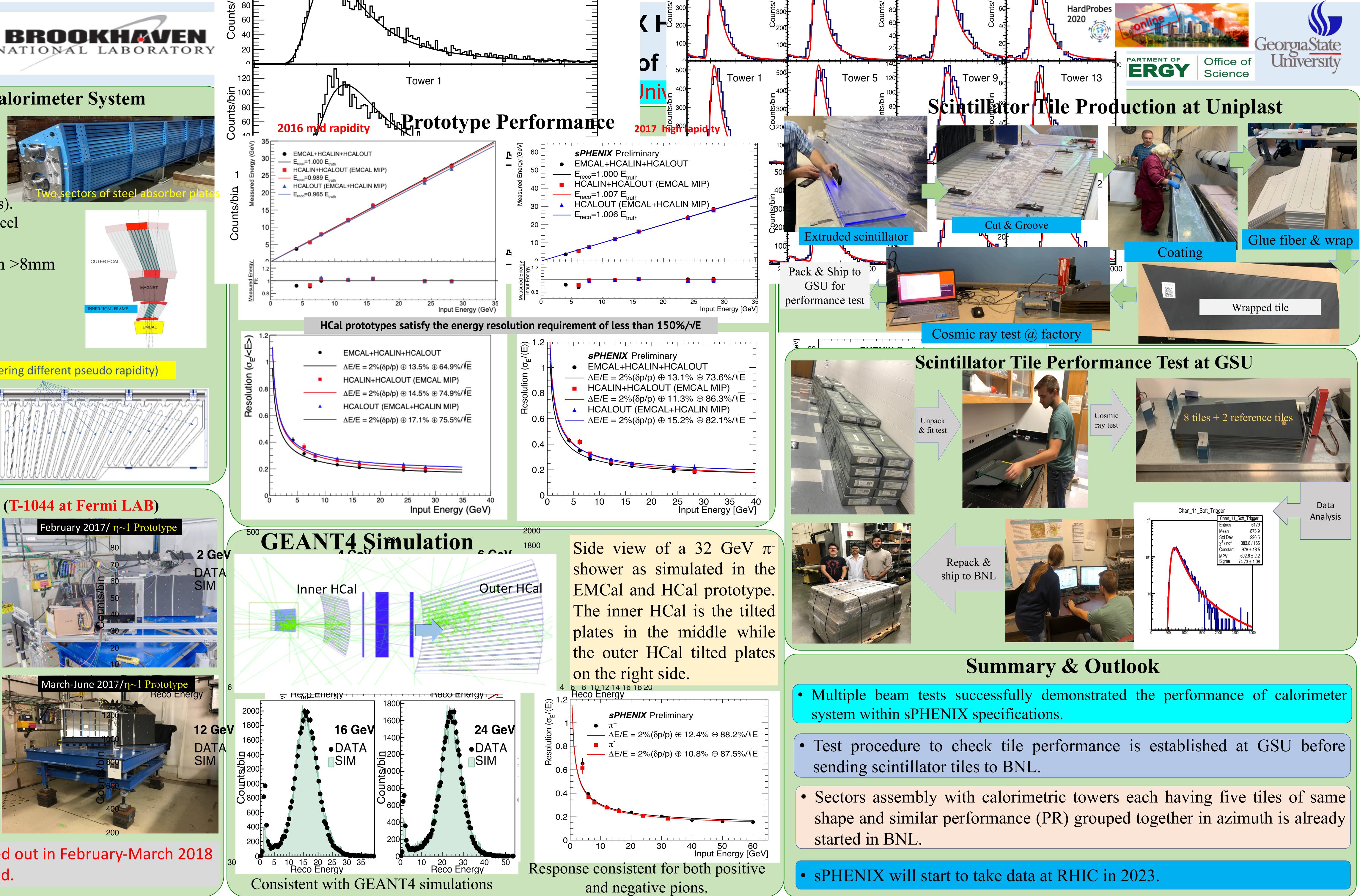
12 different tiles shapes per row(covering different pseudo rapidity)

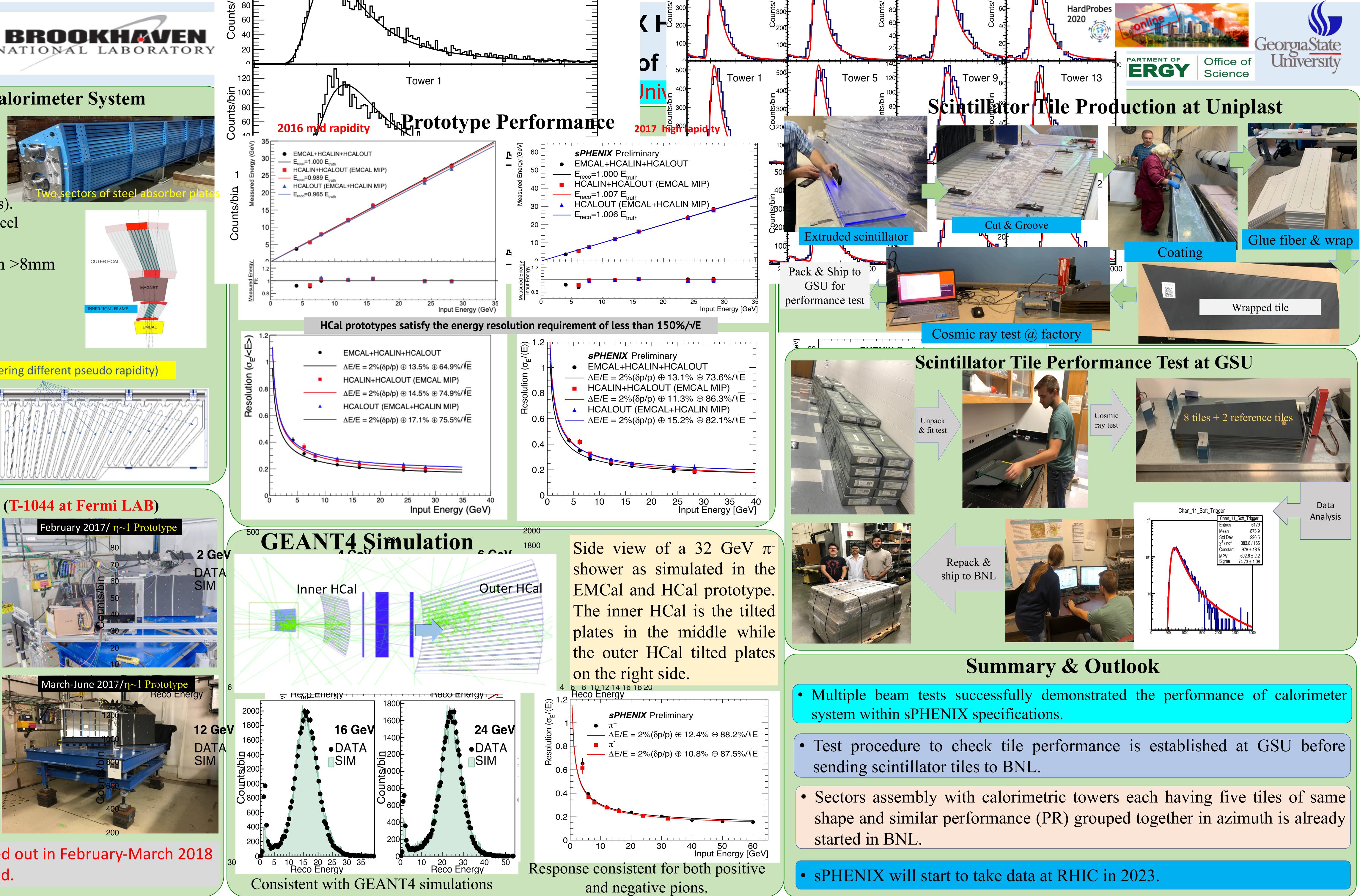
Identical to the right with 12 tile shapes

Calorimeter Beam Tests (T-1044 at Fermi LAB)









Additional beam test was carried out in February-March 2018 with inner HCal un-instrumented.