# Summary

Hall A – SoLID Magnet Controls
Mary Ann Antonioli, Peter Bonneau, Aaron Brown, Pablo Campero, Brian Eng, Tyler Lemon, Marc McMullen

- Completed CSS-BOY screen: *"SoLID Liquid Levels – Expert"*
- Completed AutoCAD drawing: *"Liquid Level Meter Wire Diagram"*
- Completed HMI screen: *"Proportional Position (POSP)"*
  - ✶ Screen enables entry of cycle time, open rate, and close rate for the JT valves

Hall A – GEM Detector Gas Distribution System
Peter Bonneau, Brian Eng, George Jacobs, Mindy Leffel, Tyler Lemon, Marc McMullen

- Developed Python script to generate EPICS database records for the 72 gas flow sensors' process variables
- Updated, using NX12, SBS gas distribution rack model
  - ✶ Moved manifold panels to rack-front for simpler routing of tubing within the rack
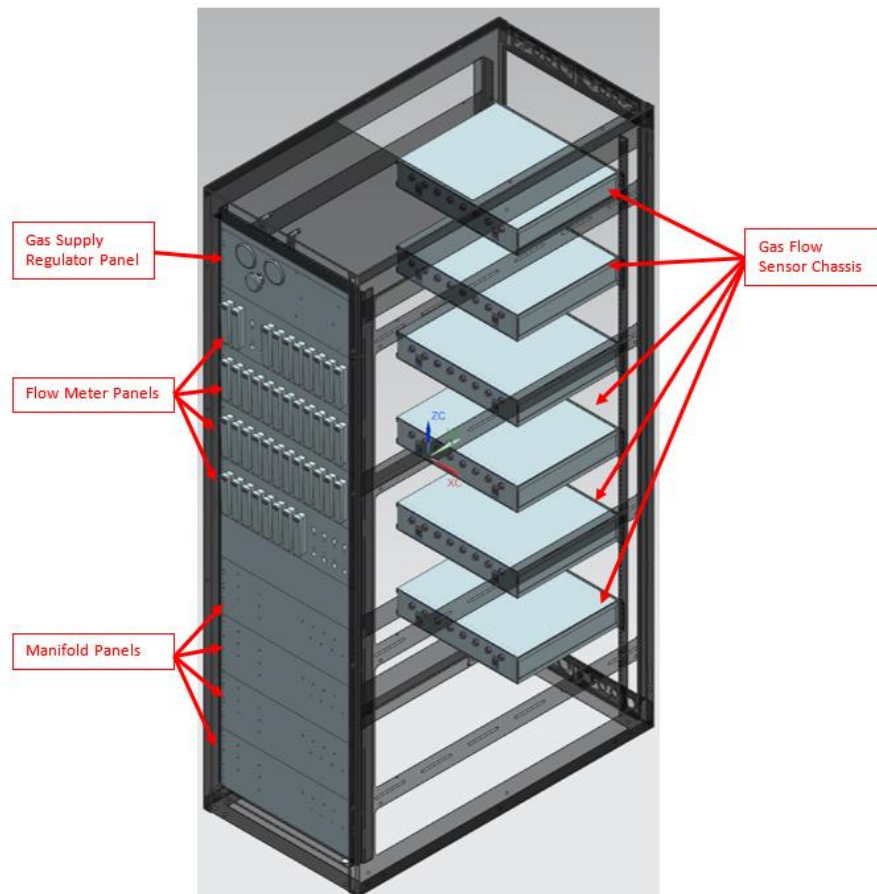
New layout of SBS rack

Hall B – SVT

Peter Bonneau, Mindy Leffel

- Documented SVT Hardware Interlock System design and tests
- Tested 13 of 18 disconnect cables

Hall C – NPS

Mary Ann Antonioli, Peter Bonneau, Aaron Brown, Pablo Campero, George Jacobs, Mindy Leffel, Tyler Lemon

- Developed Python code for CAEN HV module ramp test
  - ✶ Code developed to bypass EPICS communication problems noted during ramp testing with CSS-BOY Javascript
  - ✶ Completed ramp tests for six of 34 modules
  - ✶ Reviewed ramp test data for the six modules tested
- Four hundred and thirty-two of 1080 PMT Settings screens developed
- One thousand of 1100 HV divider cables fabricated
- Researched interfaces for disabling Hardware Interlock System of the crystal and electronic zone chillers