

## Physics Operations

- Investigate with GA modeling of plasma response
  - Goal of determining vertical stability limits, gain settings and non-diagonal terms for shape control
  - PPPL has supplied the relevant information to GA, will continue to work with them to expedite progress in modeling.
- Measured average latency in control system was 3.1 ms (worst case 5 ms) due to software. Modifications should reduce that to 1.1 ms (worst case to 1.8 ms), still bigger than the power supply delay.
- Developing feedback on position of outer boundary to maintain RF loading.
- Continue collaboration with HIT on adding CHI to an Ohmic discharge scheduled experiment this August.