

Time Meeting 4-29-2025
SDCC/SCDF

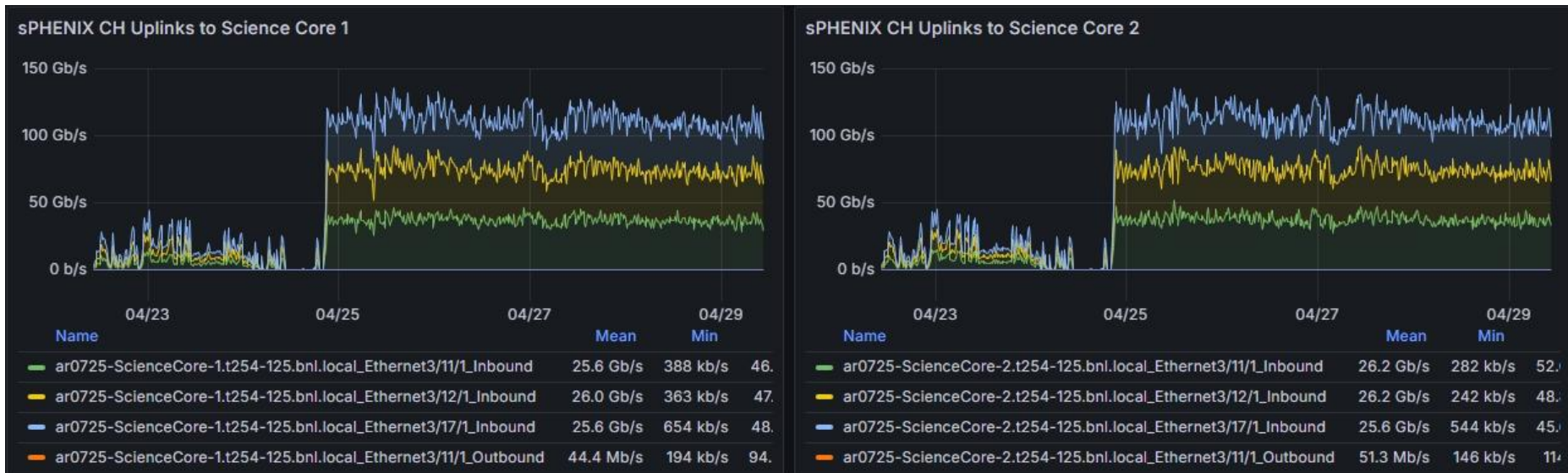
Upgrade of Disk Resources

- sPHENIX Lustre
 - ~10 PB (10 servers) added to sPHENIX Lustre as of Monday.
 - Data rebalanced across all storage nodes is expected to start within the next day or two.
- STAR xrootd server/storage refresh in the works
 - Four new servers w/ storage in process of being configured
 - Currently working out issues with xrootd software and RHEL8
 - Phased retirement of four older servers expected over the course of the next 6 to 8 months

HPSS Tape Service

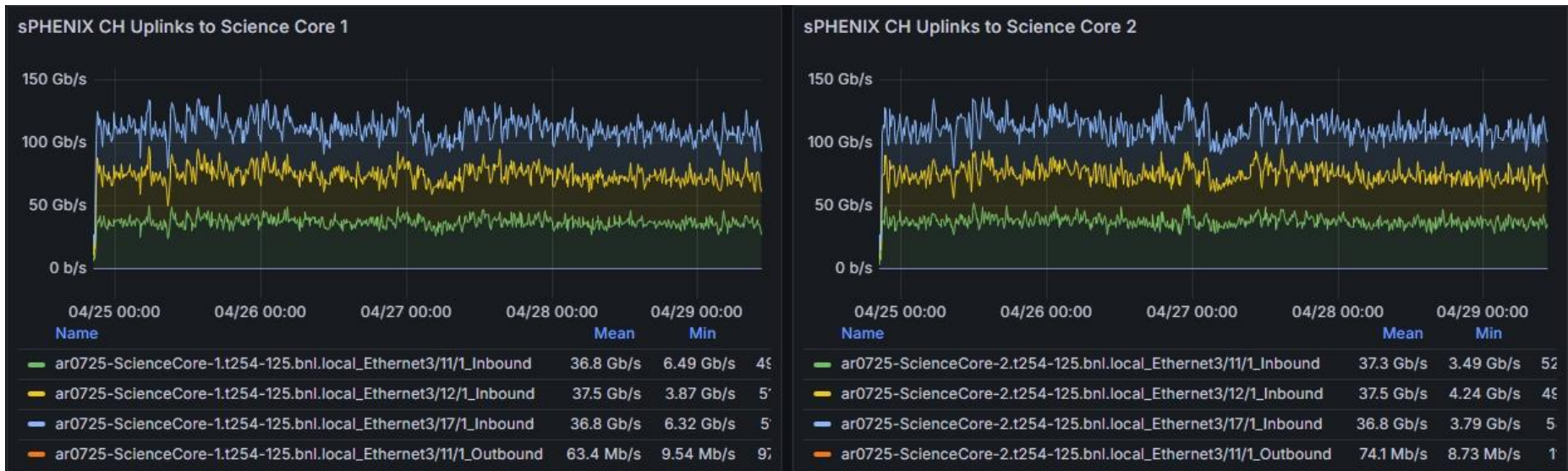
- HPSS capacity/performance upgrades
 - Upgrade of STAR movers delayed
 - Expect delivery of needed components from vendor today.
 - 41 PB of space available on tape for STAR after receipt of additional tapes last week.
- Mock Data Challenge
 - Demonstrated 72 hours of data ingestion from sPHENIX of 24.62GiB/sec (26.44GB/sec) with concurrent tape migration at 20.43GiB/sec (21.94GB/sec) This exceeds the 20GB/sec sPHENIX requirement and is a 1GB/sec improvement from two weeks ago

Mock Data Challenge



20.9GB/sec sustained bandwidth from counting house to tape 4/15 22:00 to 4/16 06:00

Mock Data Challenge



21.94 GB/sec sustained bandwidth from counting house to tape 4/25 00:01 to 4/29 00:00