

# Teraflops of Jupyter: A Notebook Based Analysis Portal at BNL

*Thursday, May 17, 2018 11:45 AM (20 minutes)*

The BNL Scientific Data and Computing Center (SDCC) has begun to deploy a user analysis portal based on Jupyterhub. The Jupyter interfaces have back-end access to the Atlas compute farm via Condor for data analysis, and to the GP-GPU resources on the Institutional Cluster via Slurm, for machine learning applications. We will present the developing architecture of this system, current use cases and results, and discuss future plans.

## Desired length

20 minutes

**Primary authors:** RIND, Ofer; BENJAMIN, Doug (Duke University (US)); THROWE, Thomas (BNL); STRECKER-KELLOGG, William (Brookhaven National Lab)

**Presenter:** RIND, Ofer

**Session Classification:** Basic IT services

**Track Classification:** End-User IT Services & Operating Systems