Highlights of the FIFE Project: Computing for Experiments
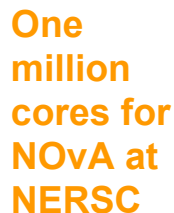
Vito Di Benedetto for the FIFE Project

CHEP 2018

9 July 2018

FabrIc for Frontier Experiments (FIFE)

- Offer a robust, common, *modular* set of tools for experiments, simplify life for those working on multiple collaborations
- Work closely with experiment contacts during all phases: from experiment workflow development and testing to production campaigns to user tutorials
- Facilitate integration of new computing technologies such as HPC resources, and contributions from international partners
- Extensive monitoring system including cross-laboratory monitoring of CERN information for protoDUNE
- Workflow management systems and job submission tools

graphic for POMS or jobsub

One million cores for NOvA at NERSC

Dataflow monitoring for protoDUNE, both CERN and FNAL