

# Highlights

- PanDA has performed well for ATLAS in the last decade including the LHC Run 1 and Run 2 data taking periods
- New components and features have been delivered to ATLAS
  - Resource consolidation
  - Intelligent brokerage
  - In-House security
  - PanDA on HPCs
  - Enhancement of event service
  - Monitoring evolution
- Many developments and challenges to come while steadily running for LHC Run 2
  - Pilot 2.0
  - Harvester
  - Network provisioning
  - Automation based on prediction capabilities
  - More optimal use of computing resources