

# Multi-experiment Storage service at BNL

*Thursday 3 November 2022 14:30 (25 minutes)*

Part of the mission of the Scientific Data and Computing Center (SDCC) at Brookhaven National Laboratory is to provide access to storage service to a diverse range of HEP scientific experiments, e.g, LHC-ATLAS, Belle2, DUNE. An aggregate of 122M files and data storage of 76PBs is distributed and managed by independent storage instances for each VO. The underlying technology used to support such storage is dCache[1]. An overview of the BNL storage service archive, challenges and recent developments will be provided in this talk.

[1] <https://www.dcache.org/>

## Desired slot length

## Speaker release

Yes

## Presentation will be held...

in the conference venue

**Primary authors:** GAMBOA, Carlos Fernando (Brookhaven National Laboratory (US)); HUANG, Qiulan (Brookhaven National Laboratory (US)); GARONNE, Vincent (Brookhaven National Laboratory (US))

**Presenter:** GAMBOA, Carlos Fernando (Brookhaven National Laboratory (US))

**Session Classification:** Storage and Filesystems

**Track Classification:** Storage & Filesystems