

Current and Pending Support for Matthew L. Curry

Current Support

Project Title : Scalable Data Management
Principal Investigator : Gerald F. Lofstead
Source of Support : NNSA/Advanced Simulation and Computing
Period Covered : 10/2014-9/2015
Commitment : 0.05 FTE
Description : Research and development activities to improve NNSA application performance.
Overlap : None

Project Title : Tajique
Principal Investigator : Anthony Vestal
Source of Support : OGA
Period Covered : 10/2014-9/2015
Commitment : 0.1 FTE
Description : Characterize distributed file system behavior
Overlap : None

Project Title : Sirocco
Principal Investigator : Lee Ward
Source of Support : NNSA/Advanced Simulation and Computing
Period Covered : 10/2014-9/2015
Commitment : 0.85 FTE
Description : Development activities for Sirocco, a novel storage system for Exascale computers.
Overlap : None

Pending Proposals (in addition to this)

Project Title : Managing Node-Based NVMs for HPC Clusters
Principal Investigator : Ethan Miller, Darrell Long, and Lee Ward
Source of Support : ASCR
Award Amount : Approximately \$1,500,000
Period Covered : 10/2015-9/2018
Commitment : 0.1 FTE
Description : Develop local and global mechanisms for managing non-volatile memories integrated into nodes of supercomputers.
Overlap : None

Project Title : Modeling Impacts of Resilience Architectures for Extreme-Scale Storage Systems
Principal Investigator : Remzi Arpaci-Dusseau, Matthew L. Curry, and Nathan DeBardeleben
Source of Support : ASCR
Award Amount : Approximately \$1,500,000
Period Covered : 10/2015-9/2018
Commitment : 0.25 FTE
Description : Project to model multi-level resilience mechanisms for large-scale storage systems
Overlap : None