

# Accessing Data Federations with CVMFS

Derek Weitzel, Brian Bockelman, Dave Dykstra, Jakob Blomer, Rene Meusel

# Problems

- Data federations do not provide posix access to files
- Learning curve to new users.
- Though, Data federations provide fast access to enormous amounts of data

# Advantages of CVMFS

- CVMFS provides a Posix namespace which is familiar to users.
- Our solution combines both of these efforts, fast data transfers
- Adds secure CVMFS as well, using VOMS authentication for reading of the namespace, as well as for accessing files.