



# Outline

9:00am

- Infrastructure hardware: - 30 minutes - **KC**
  - Storage devices characteristics
  - Storage devices evolution
  - Importance of software in infrastructure
  - Resulting stack and standardization aspects
  - New applications
- Infrastructure software - 30 minutes - **Sai**
  - posix
  - mpi-io
  - netcdf
  - object
- Storage trend and possible futures
  - Deep and multi-tier storage hierarchy
  - Technical challenges
    - metadata, data policies, fault tolerance
    - perspective - Storage Class Memory

10:00am **KC**

- Introduction to Darshan - 30 minutes -
  - Why, Install, HOWTO
  - Darshan DXT

10:30am virtual break

10:45am - **KC**

- **Hands-on session - 1H -**
  - 4 different code to analyse

12:00 wrap-up