

Lawrence Livermore National Laboratory

# Silo/HDF5 Driver Comparison on Dawn



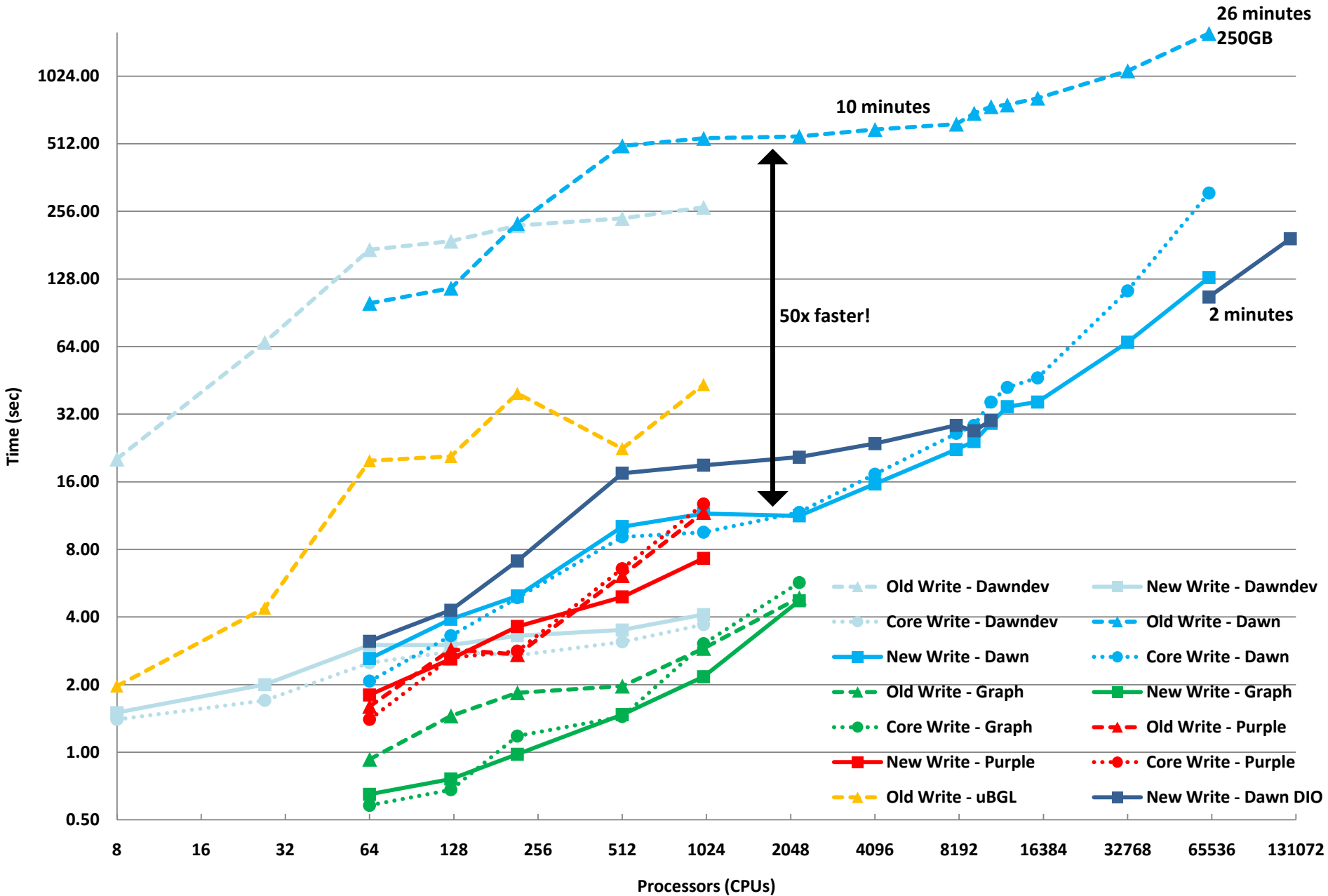
**Mike Collette**

Dawn User Forum

April 15, 2010 / May 20, 2010

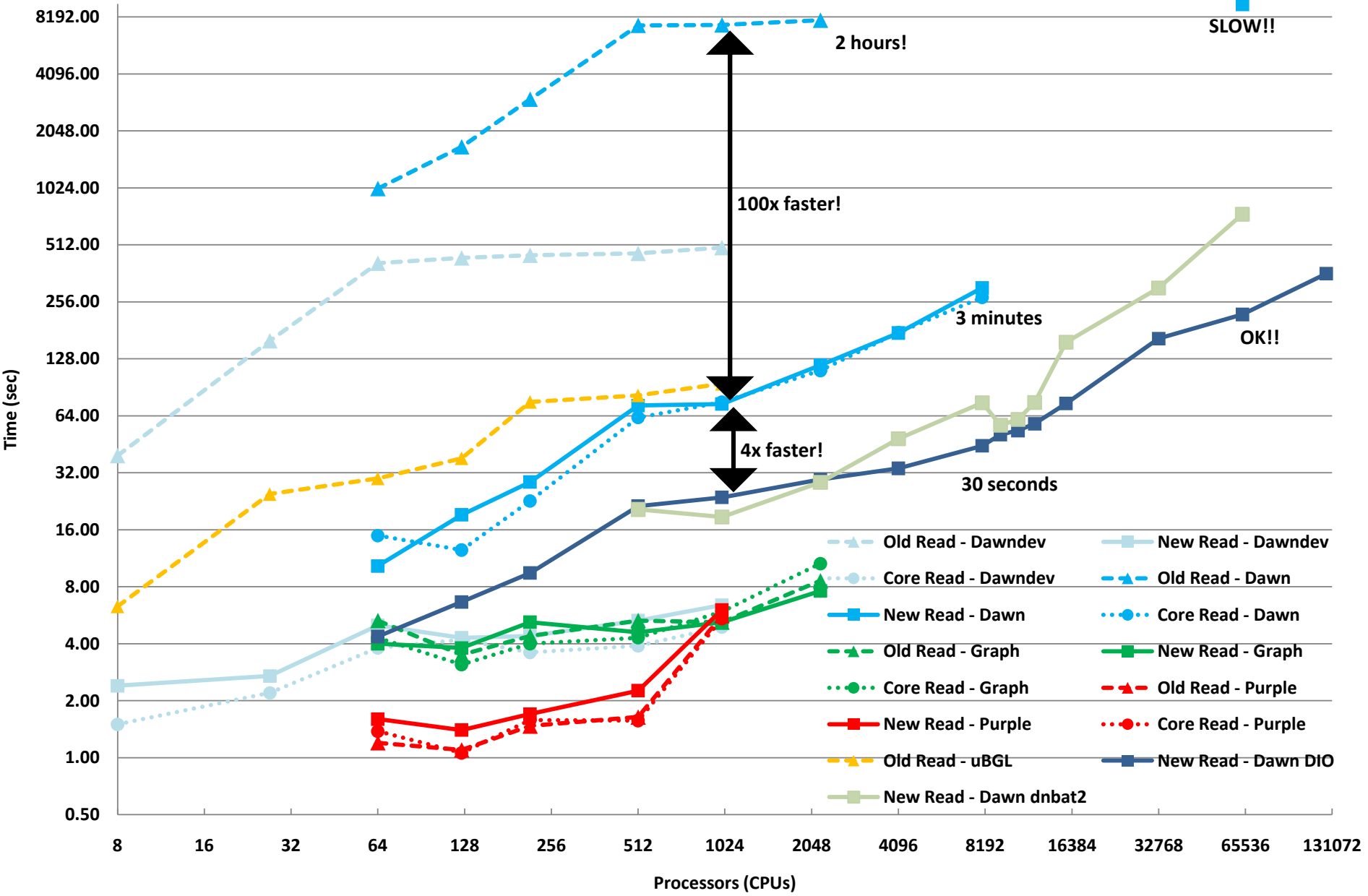
LLNL-PRES-428059

# Silo/HDF5 Drivers - IO Write time [4MB file per processor]



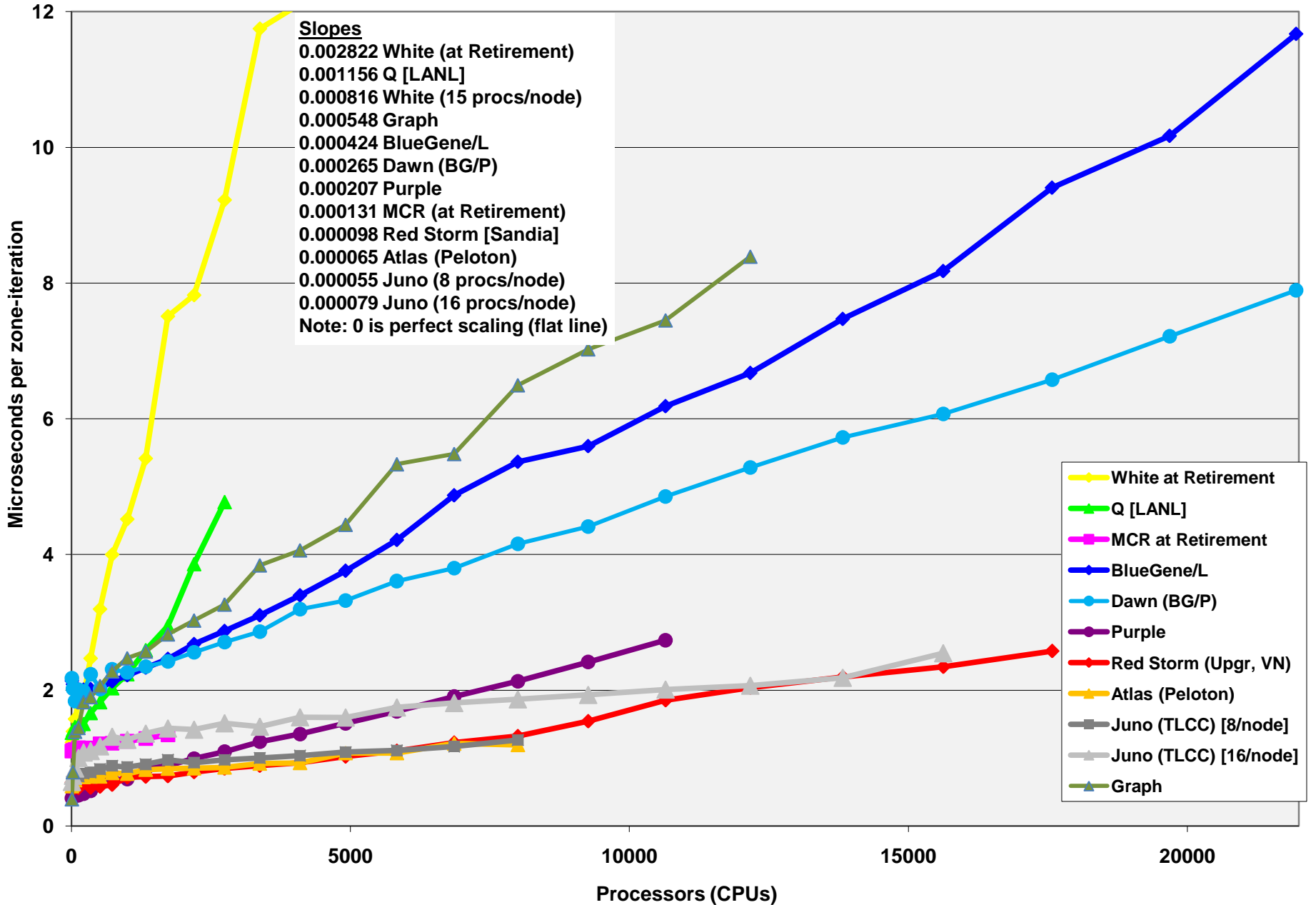


# Silo/HDF5 Drivers - IO Read time [4MB file per processor]





Weak Scaling - Historic 3D Radiation problem's average zone-iteration grind time per machine



# Weak Scaling – 3D rad – our old vs. new communication routines on Dawn

