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JLab's SciPhi-XVI Knights Landing Cluster Update

Wednesday, 26 April 2017 15:20 (25 minutes)

Update to JLab' Fall 2016 SciPhi-XVI KNL talk, to include the addition of 64 nodes into our Knights Landing cluster, reaching #397 on the Top500 list at 429.5 TFlops and #10 on the Green500 list at 3836.6 MFLOPS/W. It will include an overview of our cluster configuration updates, Omni-Path fabric, benchmarking, integration with Lustre and NFS over Infiniband, as well as current open issues.

Length of talk (minutes)

20

Scheduling constraints / preferences

Remote presentation from the UTC -5:00 timezone, so afternoon timeslot preferred. Thanks!

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Session Classification: Computing and batch systems

Track Classification: Computing & Batch Services