

Machine Learning in HPC Environments

Achievement: Nearly 500 people attended CDA's SC2017 workshop on Machine Learning in HPC Environments.

Significance and Impact: Machine learning for scientific applications is a growing area, and is particularly suited for high performance computing. Beginning in 2015, CDA organized a machine learning workshop at SC15 with approximately 100 people in attendance. In 2016, that number grew to over 200. In 2017, that number grew to nearly 500. Attendance has doubled each year, and was the largest workshop at SC17. Ten out of 18 submissions were accepted representing universities from around the world, industry, and national labs. Keynote speakers were Jack Wells from OLCF and Michael Houston from Nvidia.

Sponsor/Facility: Work was performed ORNL. Work sponsored by DOE.

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