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ML approaches for HPC

Tuesday, 3 December 2019 11:30 (30 minutes)

Machine Learning methodologies and tools have delivered new approaches to scientific computing ranging from new approximation methods to solve differential equations to leveraging advantages of ML hardware over traditional HPC hardware. It is not unlikely that such approaches will be helpful to computational problems that have seen little progress for decades. We will discuss a few examples, and discuss key themes in carrying this forward.

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