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openQCD on GPU

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openQCD is a simulation suite for lattice QCD, featuring an efficient implementation of the $\mathcal{O}(a^2)$ Wilson-Dirac fermion operator. Pivotal to the scaling properties of the code is the locally deflated solver. In this presentation, I will report on the status of porting openQCD to the GPU architecture and its scaling performance, specifically for the SAP Deflated solver.

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