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Towards the Analysis of Exotic Hadrons with 6-Stout Smeared Ensembles and Distillation

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We present the preliminary results for a study of exotic states using 6-stout smeared ensembles approaching the physical point. Benchmarks for the optimal distillation parameters and number of sources are presented in order to maximize the signal while keeping the total computational resources low.

The runs are all preformed with resources at JSC. We use the latest architectures to show the expected total cost of a di-meson calculation using our machines.

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