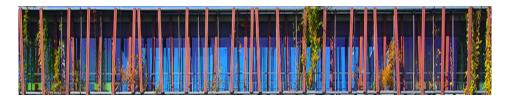Contribution ID: **31**   Type: **Poster**

GPU-accelerated Higher Representations of Wilson Fermions with HiRep

We are improving one of the available lattice software packages HiRep by crucially adding GPU acceleration. This development is accompanied by an overall software quality improvement in the build system, testing, and documentation, adding features for both CPUs and GPUs. The software is available under https://github.com/claudiopica/HiRep in the branch HiRep-CUDA and will soon be merged into master.

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