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Large scale dynamical Domain-Wall Fermion simulation on GPUs: Techniques and properties

Wednesday, 28 July 2021 14:00 (15 minutes)

I will describe the latest dynamical DWF ensemble generation efforts by RBC/UKQCD collaboration, focusing on 96ˆ3x192x12, a ˜ 0.07fm, 2+1 flavor ensemble with Iwasaki gauge action at physical point, running on summit machine at Oak Ridge National Laboratory. Basic properties of the ensemble as well as some details of the algorithmic improvements will be given.

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