Supercomputer Fugaku and QCD Wide SIMD Library (QWS) on Fugaku

Tuesday, August 4, 2020 4:00 PM (20 minutes)

The supercomputer Fugaku is a new supercomputer in Kobe, Japan, co-developed by RIKEN with Fujitsu, and the top system of the latest June 2020 TOP500 supercomputers. I will introduce the supercomputer Fugaku and a Lattcie QCD simulation library, QCD Wide SIMD library (QWS) for Fugaku. I will also present some tuning methods for Fugaku, QWS performance on Fugaku, and tentative benchmark results on full system of Fugaku.

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Session Classification: Algorithms, machines, and code development

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