

SC13 Short lecture @ AICS

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Name	Dr. Yoshifumi Nakamura (AICS Field Theory Research Team)
Title of your Presentation	Towards high performance Lattice QCD simulations on Exascale computers
Abstract	Lattice Quantum Chromo-dynamics (LQCD) is the discretized theory of QCD which is the theory of the strong interaction, one of the four fundamental forces in nature. To get good performance for LQCD, all of arithmetic, memory and network must be balanced in high level. In this lecture I will explain issues and how to get better performance for LQCD on Exascale computers.