

Nuclear physics in the era of lattice QCD

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I will begin by discussing the expected impact of petascale and exascale lattice QCD calculations on the field of nuclear physics. I will then review some of the basic technology that is required in extracting nuclear properties and interactions from the energy levels that are measured on the lattice, with an emphasis on the many-body problem. Finally, some of the most recent lattice QCD results involving two, three and four interacting baryons will be presented.