

Current Status of Nuclear Forces from Chiral EFT

Friday, 1 June 2018 16:10 (30 minutes)

Nuclear forces derived in chiral EFT are nowadays extensively used to study low-energy reactions and to describe various properties of nuclei and nuclear matter. I review the current status of the theory and describe our recent efforts towards developing this theoretical approach into a precision tool. Topics addressed include the two- and three-nucleon forces, applications to light systems and uncertainty quantification.

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Session Classification: Nuclear Forces and Structure, NN Correlations, and Medium Effects

Track Classification: NFS