

PRISMA+ Colloquium

April 18, 2018 at 1 p.m.
Lorentz-Raum 05-127, Staudingerweg 7

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Precision nuclear theory: advances and challenges

A precise and accurate theoretical model of the strong interactions between protons and neutrons would provide a key to new knowledge across 20 orders of magnitude; from neutrinos to neutron stars. Despite a century of the finest efforts, a systematic and quantitative description of strongly interacting matter at low energies is still lacking. In this seminar I will present some of the recent developments and future perspectives towards a predictive theory for atomic nuclei.