

Institutsseminar Kern- und Hadronenphysik

Dec. 11, 2017 at 2 p.m. c.t.
HS Kernphysik, Becherweg 45

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Few-nucleon systems - laboratory for studies of nuclear interactions

Systems of three nucleons can be treated as a testing ground for modern approaches to describe nuclear interactions.

At medium energies, the observables for 3N systems are sensitive to the effects of dynamics beyond the pairwise nucleon-nucleon interaction, so-called 3N force. The most important results of recent experimental studies and a brief survey of ongoing projects will be presented.