

Gemeinsame Veranstaltung von
Humboldt-Universität zu Berlin, Institut für Physik
(Theorie der Elementarteilchen / Computerorientierte Theoretische Physik)
DESY, Zeuthen

SEMINAR
Feldtheorie auf dem Gitter und
Phänomenologie der Elementarteilchen

Am Montag, dem **8. Februar 2010**, um **16:00 Uhr s.t.** spricht

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zum Thema

Recent Developments using Nonrelativistic
QCD on the Lattice

Abstract

One approach to study b-quark physics with lattice QCD is to treat this heavy quark nonrelativistically. A brief review of this approach will be given at a pedagogical level, including the variant where the discretization is carried out in a frame moving with respect to the heavy hadron. Recent and preliminary results using these methods will be shown. The form factors for semileptonic and radiative B decays are of particular interest.

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