

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 **25. Oktober 2010**, um **16:00 Uhr s.t.** spricht

Patrick Fritzscht

Humboldt Universität

zum Thema

Heavy quarks, the lattice and me

Abstract

As a new postdoc at HU Berlin I would like to introduce myself to the other members of the lattice groups in Berlin and Zeuthen. I will talk about some of my former and current research topics. This mainly concerns the treatment of heavy quark systems on the lattice. After a short motivation and introduction I will focus on my part of the work for a non-perturbative matching between Heavy Quark Effective Theory (HQET) and QCD as developed by the ALPHA collaboration during recent years. I will conclude with some preliminary results in the continuum comparing HQET and QCD. In the second part of my talk I would like to speak about the B-physics projects within the RBC/UKQCD collaboration.

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(Lageplan: http://linde.physik.hu-berlin.de/images/lageplan_neu.gif)

Web: <http://latticeseminar.desy.de/>