

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 Dienstag, dem **18. Dezember**, um **15:00 Uhr s.t.** spricht

Dr. Stephan Dürr

NIC, DESY

zum Thema

Full QCD with fat clover sea quarks

Abstract

I present some highlights from an ongoing analysis of recent full QCD runs by the Budapest-Marseille-Wuppertal collaboration. After a brief motivation of the choice of the fat clover action used for the sea quarks, I will sketch the layout of our mixed action approach with overlap valence quarks. I will further concentrate on a selection of unitary data and describe our plans to come up with a combined (and controlled) extrapolation to the continuum, to infinite volume and to the physical pion mass.

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