Improvement & Renormalisation

Monday   2:10 - 3:50 Peter Boyle   **Salmon Lecture Theatre**

Mauro Papinutto — Scaling test of quenched Wilson twisted mass QCD at maximal twist

Roland Hoffmann — Restoring chiral symmetry to $O(a^2)$ for dynamical Wilson fermions

Michele Della Morte — Towards a non-perturbative computation of the RGI strange quark mass with two dynamical flavors

Eduardo Obeso — Dimensional regularization of Schroedinger Functional correlation functions

Stefan Sint — The Schroedinger functional with chirally rotated boundary conditions

Friday   2:10 - 3:50 Gunnar Bali   **Salmon Lecture Theatre**

Richie Morrin — Tuning anisotropies for dynamical gauge configurations

Francesco Di Renzo — Wilson fermions quark bilinears to three loops

Holger Perldt — Perturbative renormalisation of quark bilinear operators for overlap fermions with and without stout links and improved gauge action

Beatrix Pollakowski — Testing Fermion Actions: Scaling in the Schwinger Model

Yigal Shamir — The fourth root of the staggered-fermion determinant: locality via renormalization-group block transformations

Posters

Andreas Athenodorou — Two-loop evaluation of large Wilson loops with overlap fermions, and the b-quark mass shift

Mihalis Ioannou — Perturbative renormalization in parton distribution functions, using improved actions

Apostolos Skouroupathis — Topological charge renormalization: A test case for 3-loop vacuum calculations, using overlap fermions and Symanzik improved gluons