

Lattice Simulations of Quantum Fields

Laboratoire de Physique Théorique, Université Paris-Sud XI, Orsay, France

March 26 – April 1, 2008

Block-Course for PhD-students and postdocs

Topics include:

Algorithms and Numerical Methods; QCD with Chirally Invariant Quarks;
Staggered Quarks and 'Fourth Root' Issue; Twisted Mass QCD; Finite Temperature QCD
Supersymmetry on the Lattice; N-body Simulations in Cosmology

Lecturers:

Luigi Del Debbio, SUPA Edinburgh & INI Cambridge
Maarten Golterman, San Francisco State Univ.
Shoji Hashimoto, KEK Tsukuba
Michael Joyce, Univ. Paris 6
David Kaplan, Washington Univ. Seattle & UA Madrid
Werner Krauth, ENS Paris
Vittorio Lubicz, Univ. Roma Tre
Tassos Vladikas, Rome Univ. di Tor Vergata
Tilo Wettig, Regensburg Univ.
Edwin Laermann, Bielefeld Univ.
Philippe Boucaud, Univ. Paris Sud

Organizers: D. Becirevic, Orsay; E. Laermann, Bielefeld

Secretary: Mireille Calvet, mireille.calvet@th.u-psud.fr

For further information: <http://www.th.u-psud.fr/block-course/>

