



Quantum Chromodynamics on a Space-Time Lattice

After a brief review of the main features of Quantum Chromodynamics (QCD), the theory of strong interactions, I will illustrate how the formulation of the theory on a space-time lattice (Lattice QCD) has opened the way for the application of powerful computational techniques. I will then give an overview of what has been accomplished through three decades of numerical investigations and will discuss the current state of affairs in lattice QCD and perspectives for the future.

Claudio Rebbi

Boston University, Physics Chair

January 25, 2011 (Tuesday) at 3:30pm (Refreshments at 3:15pm)

SCI 107, Metcalf Science Center, Boston University

Call: Winna Somers (wsomers@bu.edu) (617) 353-9320

Host: Rama Bansil

