Foreword

This special issue of the Brazilian Journal of Physics collects the short courses and the seminars presented at the international meeting "Infrared QCD in Rio: propagators, condensates and topological effects". The event, held in Rio de Janeiro from the 5^{th} to the 9^{th} of June 2006 at UERJ, gathered researchers from twelve countries to discuss the present status and future perspectives of non-perturbative studies of QCD. The meeting brought together leading experts as well as young researchers, in a pleasant and productive atmosphere.

The two main approaches to the study of confinement in QCD — i.e. the Gribov-Zwanziger and the dual superconductivity scenarios — were addressed using several techniques, such as Dyson-Schwinger equations and lattice simulations. The program included three short courses (in the morning), four afternoons of seminars, a poster session and a panel discussion at the end of the event.

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