



# International Moscow Workshop on Phenomenology of Particle Physics devoted to the memory of Prof. Alexei Kaidalov

## Monday, 22 July 2013

### Simulations of quantum systems by Monte Carlo method - Concert hall of FIAN (14:55 - 19:00)

-Conveners: Mikhail Polikarpov (ITEP)

time	[id] title	presenter
14:55	[39] Anomalous transport on the lattice	Dr BUIVIDOVICH (REGENSBURG UNI.), Pavel
15:15	[50] Transport coefficients in lattice SU (2) gluodynamics.	Dr KOTOV (ITEP), A.
15:35	[41] Interaction of static charges in graphene within Monte-Carlo simulation	Dr BRAGUTA (ITEP), V.
15:55	[42] Thermal monopoles in lattice QCD	Dr BORNYAKOV (ITEP), V.
16:15	[43] Rho meson in magnetic field	Dr LUSCHEVSKAYA (ITEP), Elena
16:40	Coffee break	
17:05	[44] Phase transformation in graphene in terms of occupation numbers	Dr PAVLOVSKY (ITEP), O.
17:25	[45] Monte-Carlo study of the semimetal-insulator phase transition in monolayer graphene with realistic inter-electron interaction potential	Dr ULYBYSHEV (ITEP), M.
17:40	[46] Emergent gravity in graphene	Dr ZUBKOV (ITEP), M.
18:00	[47] Discussions	
18:20	Coffee break	