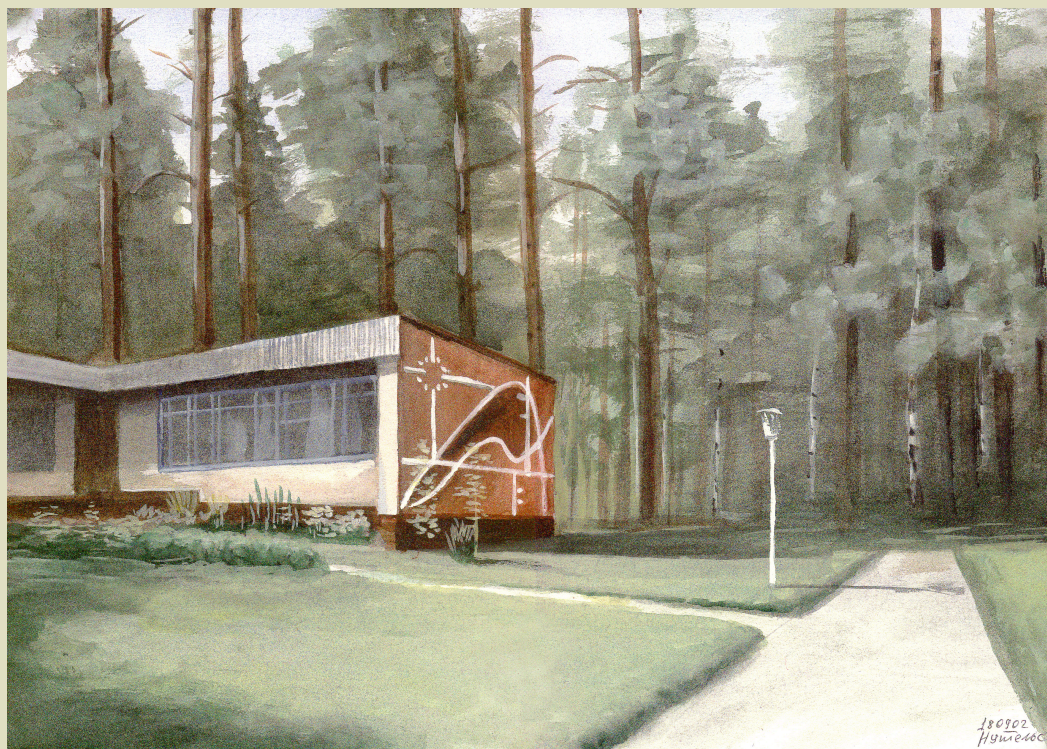




The Science of Nanostructures: New Frontiers in the Physics of Quantum Dots

Chernogolovka, Russia, September 20–24, 2010

<http://qd2010.itp.ac.ru>



Russia
Chernogolovka
Landau Institute
September 20-24, 2010

Organizers:

Igor Burmistrov
(Landau)

Yuval Gefen
(Weizmann)

Igor Lerner
(Birmingham)

Topics:

The workshop is intended to bring together leading researchers (representing both theory and experiment) in the field of quantum dots. We plan that some ramifications of this field (extending to other electronic systems of restricted geometry - single electron transistors, nanoparticles, short carbon nanotubes etc.) will be represented as well. Given the broad scope of this field, and in order to keep this meeting focused, special attention will be given to the following topics: interplay of charge and spin interactions, quantum coherence, and quantum dots out of equilibrium.

Invited Speakers:

A. Altland (Koeln)
H. Baranger (Duke)
M. Bockrath (Riverside)
J. von Delft (Munich)
K. Ensslin (Zurich)
A. Frydman (Bar-Ilan)
I. Gornyi (Karlsruhe)
M. Goldstein (Bar-Ilan)
S. Ilani (Weizmann)
V. Khrapai (ISSP)
M. Kiselev (ICTP)
J. Koenig (Duisburg)

G. Lesovik (Landau)
V. Meden (Aachen)
Y. Meir (Ben-Gurion)
A. Mirlin (Karlsruhe)
G. Murthy (Kentucky)
F. von Oppen (Berlin)
A. Romito (Berlin)
Y. Oreg (Weizmann)
A. Shnirman (Karlsruhe)
S. Tarucha (Tokyo)
V. Yudson (Troitsk)