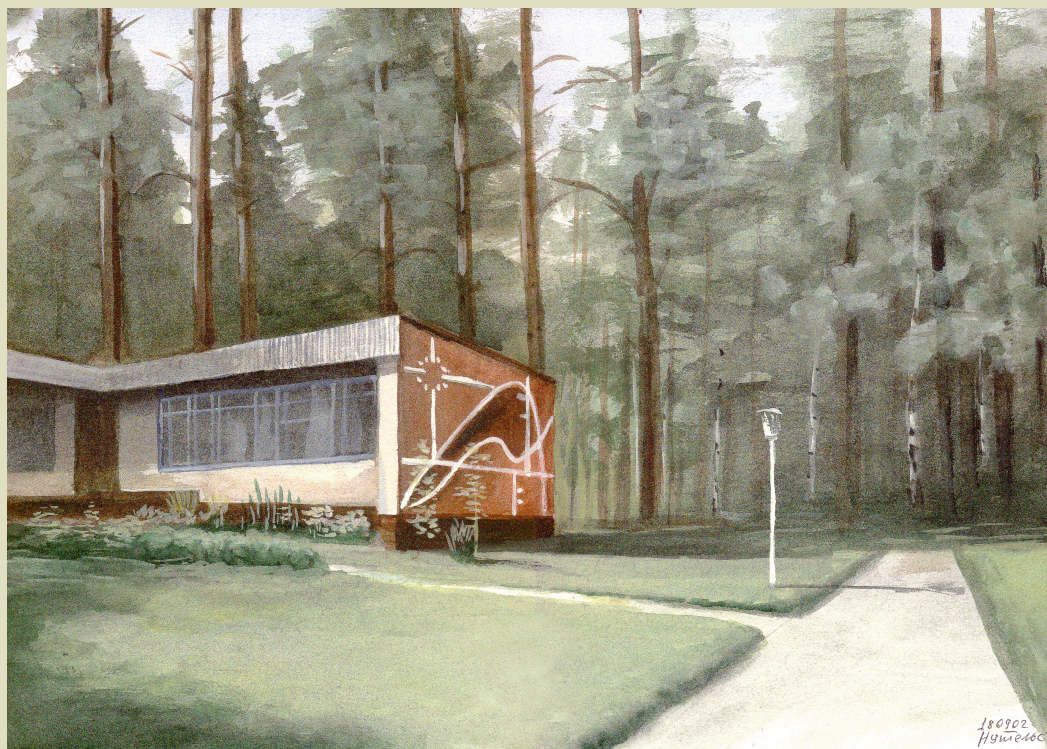




The Science of Nanostructures: New Frontiers in the Physics of Quantum Dots

Chernogolovka, Russia, September 10-14, 2012

<http://qd2012.itp.ac.ru>



Russia
Chernogolovka
Landau Institute
September 10-14, 2012

Organizers:

Igor Burmistrov
(Landau)

Yuval Gefen
(Weizmann)

Yuri Makhlin
(Landau)

Topics:

The workshop is intended to bring together leading researchers (representing both theory and experiment) in the field of quantum dots and related topics - single electron transistors, nanoparticles, short carbon nanotubes etc. Special attention in this meeting will be given to the following topics: the interplay of charge and spin in QDs, quantum coherent circuits with QD, QDs out of equilibrium, and QDs subjected to microwave radiation.

This workshop is a sequel of a meeting held in 2010.

Invited Speakers:

Y. Alhassid* (Yale U)	J. Koenig (U Duissburg)
A. Altland (Cologne U)	A. Komnik (U Heidelberg)
H. Baranger (Duke U)	A. Kozikov (ETH)
J. Basset (ETH)	I. Lerner (U Birmingham)
R. Berkovits (Bar-Ilan U)	A. Levy Yeyati (U Madrid)
J. Elzerman (ETH)	A. Mirlin (Karlsruhe)
K. Flensberg (Bohr I)	C. Mora (LPA-ENS)
V. Glazkov (Kapitza I)	G. Murthy (U Kentucky)
M. Goldstein (Yale U)	J. Pekola (Aalto U)
I. Gornyi (KIT)	B. Rosenow (U Leipzig)
D. Gutman (Bar-Ilan U)	A. Shnirman (KIT)
T. Ihn (ETH)	A. Oiwa (U Tokyo)
A. Kamenev (Minnesota U)	G. Zarand (Budapest UTE)
M. Kiselev (ICTP)	O. Zilberberg (Weizmann I)
K. Kobayashi (Osaka U)	

*to be confirmed

Landau Institute for Theoretical Physics Russian Academy of Sciences Dynasty Foundation Russian Foundation for Basic Research Israel Ministry of Science and Technology Weizmann Institute of Science



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