



8th Advanced Research Workshop NanoПитер 2012

Fundamentals of Electronic Nanosystems

St. Petersburg, Russia

June 23 - 29, 2012



NanoПитер 2012 will commemorate our friend and colleague Alexander Savchenko who passed away in 2010. Alexander Savchenko, who was an active participant of past NanoПитер Workshops, made many seminal contributions to condensed matter physics, including the physics of graphene, 2D electron systems in semiconductor structures, superconductivity, and noise.



Organizing Committee:

Nikita Averkiev, Yaroslav Blanter, Yuval Gefen, Veniamin Kozub, Igor Lerner, Alexander Mirlin, Valerii Vinokur

Topics:

- graphene and graphene-based nanostructures
- topological insulators and superconductors
- inhomogeneous superconductivity and superconductor-insulator transitions
- 2D electron systems: (magneto-)transport, metal-insulator transitions
- nanomechanics
- non-equilibrium phenomena and noise

<http://mti.msd.anl.gov/workshops/NanoPeter12>

Deadline for applications: March 1, 2012



Co-Directors: Veniamin Kozub (Ioffe Institute, St. Petersburg)
Alexander Mirlin (Karlsruhe Institute of Technology / PNPI St. Petersburg)
Valerii Vinokur (Argonne National Laboratory)