



**Landau Institute for  
Theoretical Physics  
&  
Institute of Solid  
State Physics**



**Advanced Research Workshop «Meso-2012»**

**Non-equilibrium and coherent phenomena at nanoscale**

**June 17-23, 2012, Chernogolovka, Russia**

<http://meso12.itp.ac.ru>

**Main topics:**

**Charge and spin dynamics in nanostructures**

**Topological insulators**

**Charge-phase duality and qubits**

**Strongly disordered superconductors and SIT**

**Non-equilibrium 2DEG**

**Invited speakers:**

**D. Abanin** (Princeton)

**J. Alicea** (UC Irvine)

**Y. Ando** (Osaka)

**A Anthore** (LPN Marcoussis)

**M. Aprili** (Orsay)

**N.P. Armitage** (Johns Hopkins)

**O. Astafiev** (NEC-Tsukuba)

**H. Bouchiat** (Orsay)

**V. Bouchiat** (Neel Inst.)

**H. Buhmann** (Wuerzburg)

**I. Burmistrov** (Landau)

**C. Chapelier** (CEA Grenoble)

**J. Checkelsky** (RIKEN)

**R. Deblock** (Orsay)

**E. Demler** (Harvard)

**S. Dorozhkin** (ISSP, Chernogolovka)

**L. Faoro** (Jussieu)

**A. Finkelstein** (Weizmann Inst.)

**Liang Fu** (Harvard)

**Yu. Galperin** (Univ. of Oslo)

**M. Gershenson** (Rutgers)

**E. Il'ichev** (IPHT, Jena)

**S. Ilani** (Weizmann Inst.)

**L. Ioffe** (Rutgers)

**D. Ivanov** (ETH Zurich)

**V. Kachorovskii** (Ioffe Inst.)

**A. Kapitulnik** (Stanford)

**A. Kitaev** (Caltech)

**T. Kontos** (ENS-Paris)

**V. Kravtsov** \* (ICTP Trieste)

**Z.D. Kvon** (ISP, Novosibirsk)

**Yu.I. Latyshev** (IRE, Moscow)

**D.-H. Lee** (Berkeley)

**M. Levin** (Univ. of Maryland)

**L. Levitov** (MIT)

**V. Manucharyan** (Harvard)

**R. McDermott** (Wisconsin-Madison)

**A.S. Mel'nikov** (IPM, N. Novgorod)

**K. Michaeli** (MIT)

**Yu. Nazarov** (TU Delft)

**P. Ostrovsky** (MPI Stuttgart)

**Yu. Pashkin** (NEC-Tsukuba)

**J. Pekola** (Aalto Univ., Helsinki)

**M. Reznikov** (Technion)

**C. Roessler** (ETH Zurich)

**B. Sacepe** (Neel Inst.)

**D. Shahar** (Weizmann Inst.)

**V. Shumeiko** (Chalmers)

**A. Silva** (ICTP Trieste)

**M. Skvortsov** (Landau Inst.)

**J. Smet** (MPI, Stuttgart)

**M. Snelder** (Twente Univ.)

**Y. Tanaka** (Nagoya University)

**K Tikhonov** (Landau & Texas A&M)

**A. Ustinov** (Karlsruhe)

**J. Williams** (Stanford)

**Hong Yao** (Stanford)

**M. Zgirski** (Inst. of Phys., Warsaw)

\* to be confirmed

**The «Meso-2012» conference solicits applications from interested researchers. Those interested should apply for participation to the conference webpage**

<http://meso12.itp.ac.ru/application.php>

**before April 1, 2012**

**A school on nanophysics will be held in Chernogolovka on June 12–19, 2012**

**Co-directors: Mikhail Feigel'man and Valery Ryazanov**

**Program Committee: M. Feigel'man (Landau I), L. Ioffe (Rutgers), I. Kukushkin (ISSP), L. Levitov (MIT), V. Ryazanov (ISSP), A. Ustinov (Karlsruhe)**

**Local Organizing Committee:**

**Landau Inst.: M. Feigel'man, I. Burmistrov, Yu. Makhlin, M. Skvortsov**    **ISSP: V. Ryazanov, I. Batov**  
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