

B2.2 (G. Schön / A. Shnirman)

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Invited conference talks

- G. Schön, *Geometric Spin Dephasing in Quantum Dots*, Frontiers of Condensed Matter Theory, Conference dedicated to the memory of Professor Anatoly Larkin, Univ. of Minnesota, Minneapolis, USA, May 4 - 7, 2006
- A. Shnirman, *Geometrical spin dephasing in quantum dots*, International seminar and workshop "Quantum Coherence, Noise and Decoherence in Nanostructures", MPI Dresden, Germany, May 15-26, 2006
- A. Shnirman, *Geometrical spin dephasing in quantum dots*, Spin and Charge Effects at the Nanoscale, Pisa, Italy, June 1-9, 2006
- A. Shnirman, *Geometrical spin dephasing in quantum dots*, ARW "Meso-06", Chernogolovka, Russia, June 14-19, 2006
- A. Shnirman, *Geometrical spin dephasing in quantum dots: dephasing due to a random Berry phase*, ARW "NanoPeter 2006", St. Petersburg, Russia, June 24-30, 2006
- V. Brosco, *Geometric phases in superconducting pumps*, RTN NANO Meeting "Fundamentals of Nanoelectronics", Portorož, Slovenia, September 2 - 7, 2007
- A. Shnirman, *Geometric phases in semiconductor spin qubits: Manipulations and decoherence*, Conference "Quantum Dynamics in Dots and Junctions: Coherent Solid State Systems", Riva del Garda, Italy, October 5-10, 2008
- G. Schön, *Single-Electron Tunneling and the Fluctuation Theorem*, 101st Statistical Mechanics Conference, Rutgers University, USA, 10-12 May 2009
- A. Shnirman, *Geometric manipulations, dephasing, and pumping of spins*, Workshop "50 years of the Aharonov-Bohm effect", Tel Aviv, Israel, October 10 - 14, 2009
- D. Golubev, *Statistics of voltage fluctuations in resistively shunted Josephson junctions*, ITN Meeting on "Nanoelectronics - Concepts, Theory and Modeling", Jacobs University Bremen, Germany, May 17- 21, 2010
- A. Shnirman, *Geometric phases and spin-orbit effects*, DPG Physics School 2010 on "Nano-Spintronics" (2 lectures), Bad Honnef, Germany, September 12 - 17, 2010.
- A. Shnirman, *Resonant all-electric spin pumping with spin-orbit coupling.*, Workshop "The Science of Nanostructures: New Frontiers in the Physics of Quantum Dots", Chernogolovka, Russia, September 20-24, 2010.
- A. Shnirman, *Decoherence in adiabatic quantum evolution: application to Cooper pair pumping*, Workshop on "Quantum Physics of Phase", Stockholm, Sweden, April 23 - 26, 2012.
- A. Shnirman, *A quantum dot close to Stoner instability: the role of Berry's Phase*, Int. Workshop "The Science of Nanostructures: New Frontiers in the Physics of Quantum Dots", Chernogolovka, Russia, September 10 - 14, 2012.
- G. Schön, *Fluctuation Theorem and Single-Electron Tunneling*, Intern. Workshop "Quantum Noise and Measurement in Engineered Electronic Systems", MPI-PKS, Dresden, 8 - 12 October 2012

G. Schön, *Single-Electron Tunneling and the Fluctuation Theorem*, Nanoelectronics: Concepts, Theory and Modeling, Network meeting and workshop on thermoelectric transport, Cargèse, Corsica, 21-27 October 2012

A. Heimes, *Nonequilibrium effect in a NISIN turnstile*, Spring Meeting of the Deutsche Physikalische Gesellschaft, Regensburg, Germany, 12. March 2013

A. Shnirman, *A quantum dot close to Stoner instability: the role of Berry's Phase*, Frontiers of Quantum and Mesoscopic Thermodynamics, Prague, Czech Republic, July 29 - August 3, 2013.