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- [B2.11:61] S. Ngo Dinh, D.A. Bagrets, and A.D. Mirlin, *Interaction Quench in Nonequilibrium Luttinger Liquids*, Phys. Rev. B **88**, 245405 (2013)

Invited Talks at International Conferences

A.D. Mirlin, *The quantum Hall effects: overview and recent advances*, International school on Semiconductor Physics, St. Petersburg, Russia, February 2006

M. Vojta, *Strong correlations and quantum criticality*, Workshop on “Novel materials and superconductors”, Plannesalm (Austria), February 2006

I.V. Gornyi, *Disordered Luttinger Liquid*, XVI Ural International Winter School on Semiconductor Physics, Ekaterinburg, Russia, February-March 2006

M. Vojta, *Spin excitations in fluctuating stripe phase*, DPG Frühjahrstagung, Dresden, March 2006

M. Vojta, *Fluctuating stripe phases in cuprates*, Conference on Condensed Matter and Material Physics, Exeter, U.K., April 2006

D.A. Bagrets, *Current fluctuations in the vicinity of superconducting transition*, International workshop "Quantum Coherence, Noise and Decoherence in Nanostructures", Dresden, Germany, May 2006

I.V. Gornyi, *Long-range Coulomb interaction in Anderson insulators: Is phononless variable-range hopping possible?*, Advanced Research Workshop "NanoPeter-2006. Fundamentals of Electronic Nanosystems", St. Petersburg, Russia, June 2006

A.D. Mirlin, *Electron transport in disordered graphene*, Advanced Research Workshop "Meso-06: Nanoscale Superconductivity and Magnetism", Chernogolovka, Russia, June 2006

M. Vojta, *Strong inhomogeneties and non-Fermi liquids in randomly depleted Kondo lattices*, Workshop on "Quantum Materials", Seoul, South Korea, July 2006

M. Vojta, *Magnetic excitations*, 8th International Conference on Materials and Mechanisms of Superconductivity (M2S-HTSC VIII), Dresden, July 2006

M. Vojta, *Universal spin excitations from fluctuating stripes in cuprates*, Conference on Materials and Mechanisms of Superconductivity, Dresden, July 2006

A.D. Mirlin, *Wave function multifractality at Anderson localization transitions*, Program "Stochastic Geometry and Field Theory: From Growth Phenomena to Disordered Systems", Santa Barbara, Kavli Institute for Theoretical Physics, USA, August-September, 2006

I.V. Gornyi, *Electronic transport in graphene: Types of disorder and chiral symmetry*, Workshop «Dynamics and Relaxation in Complex Quantum and Classical Systems and Nanostructures», MPIPKS Dresden, September 2006

I.V. Gornyi, *Electronic transport in disordered graphene*, Workshop «Interactions, excitations and broken symmetries in quantum Hall systems», MPIPKS Dresden, October 2006

D.G. Polyakov, *Transport via quantum Hall edges coupled by Coulomb interaction and disorder-induced tunneling*, International Workshop "Interactions, excitations and broken symmetries in quantum Hall systems", MPIPKS Dresden, October 2006

D.A. Bagrets, *Current fluctuations in the vicinity of superconducting transition*, VI International Argonne Fall Workshop on Nanophysics "Nanoscale Superconductivity and Magnetism", Argonne National Laboratory, USA, October-November 2006

A.D. Mirlin, *Electron transport in disordered graphene*, International Argonne Fall Workshop on Nanophysics, Argonne National Laboratory, USA, November 2006

D.G. Polyakov, *Transport of charge-density waves in the presence of disorder: Quantum localization vs classical pinning*, International Argonne Fall Workshop on Nanophysics, Argonne National Laboratory, USA, November 2006

D.G. Polyakov, *Localization, pinning, and dephasing in strongly-correlated disordered electron systems*, Workshop on Novel Concepts in Disordered and Interacting Quantum Systems, Hangzhou, China, March 2007

D.G. Polyakov, *Strongly-correlated disordered electron systems in one dimension: Localization, pinning, and dephasing*, Workshop on Theoretical and Mathematical Physics, St.Petersburg, Russia, July 2007

A.D. Mirlin, *Anderson transitions and electron-electron interaction in disordered electronic systems*, International Conference TIDS-12 "Transport in Interacting Disordered Systems". Marburg, Germany, August 2007

A.D. Mirlin, *Theory of low-dimensional disordered electronic systems*, Summer School on Low-Temperature Nanophysics, Chernogolovka, Russia, August 2007

A.D. Mirlin, *Nonequilibrium Luttinger liquid in quantum wires: Zero-bias anomaly and dephasing*, International Argonne-Taiwan Workshop on Nanophysics "Nanoscale Superconductivity and Magnetism", Hsinchu (Taiwan), December 2007

D.G. Polyakov, *Coulomb drag between disordered quantum wires*, Conference on Nanoscale Superconductivity and Magnetism, Hsinchu, Taiwan, December 2007

A.D. Mirlin, *Nonequilibrium Luttinger liquid in quantum wires: Zero-bias anomaly and dephasing*, Workshop "Interaction and Interference in Nanoscopic Transport", Dresden, February 2008.

A.D. Mirlin, Anderson transitions and wave function multifractality, Workshop "Disorder and Localization Phenomena: from Theory to Applications", Paris, France, March 2008

D.A. Bagrets, *Energy relaxation in the disordered Luttinger liquid*, Advanced Research Workshop "NanoPeter-2008. Fundamentals of electronic nanosystems", St. Petersburg, Russia, June-July 2008

D.B. Gutman, *Nonequilibrium Luttinger liquid in quantum wires: Zero-bias anomaly and dephasing*, Advanced Research Workshop "NanoPeter-2008. Fundamentals of electronic nanosystems", St. Petersburg, Russia, June-July 2008

A.D. Mirlin, *Wave function multifractality at Anderson transitions*, Program "Mathematics and Physics of Anderson localization: 50 Years After", Cambridge (UK), August 2008

I.V. Gornyi, *Anderson localization and electron-electron interactions*. International Workshop "Anderson Localization and Related Phenomena", Cambridge, UK, August 2008.

P.M. Ostrovsky, Local density of states correlations in disordered wires, International Programme "Mathematics and Physics of Anderson localization: 50 Years After", Cambridge, UK, 14 July – 19 December 2008.

A.D. Mirlin, *Quantum transport in disordered systems: electron-electron interaction effects*, Winter school on Semiconductor Physics, 27 February - 3 March 2009, St. Petersburg, Russia

A.D. Mirlin, *Non-equilibrium Luttinger liquids*, Advanced Research Workshop "Meso-09: Non-equilibrium and coherent phenomena at nanoscale", 11 - 16 June 2009, Chernogolovka, Russia

A.D. Mirlin, *Non-equilibrium Luttinger liquids: bosonization and tunneling spectroscopy*, Euler Symposium on Theoretical and Mathematical Physics, 3 - 8 July 2009, St. Petersburg (Russia)

A.D. Mirlin, Interaction-induced dephasing of quantum interference of electrons in quantum wires and Aharonov-Bohm rings, Workshop "50 years of the Aharonov-Bohm Effect", 11 - 14 October 2009, Tel Aviv (Israel)

D.G. Polyakov, *Kinetic theory of nonequilibrium Luttinger liquids*, International Conference "Theoretical Problems of Semiconductor Physics", St.Petersburg, Russia, 30.06-02.07.2009

A.D. Mirlin, *Non-equilibrium Luttinger liquids: bosonization and tunneling spectroscopy*, International Conference "Theoretical Problems of Semiconductor Physics", 30.06-02.07.2009, St.Petersburg, Russia

D.A. Bagrets, *Non-equilibrium Kinetics of Disordered Luttinger Liquid*, Symposium on Theoretical and Mathematical Physics, St. Petersburg, July 2009, Russia

D.G. Polyakov, *Kinetic theory of nonequilibrium Luttinger liquids*, International School "Ural Winter School on the Physics of Semiconductors", 15.02-20.02.2010, Ekaterinburg, Russia

A.D. Mirlin, *Non-equilibrium Luttinger liquids: Bosonization and tunneling spectroscopy*, American Physical Society March Meeting, March 15 - 19, 2010, Portland, Oregon, USA

D.B. Gutman, *Bosonization of one-dimensional fermions out of equilibrium*, Advanced Research Workshop on Fundamentals of Electronic Nanosystems, St. Petersburg, Russia, 26 June – 2 July 2010

D.N. Aristov, *Asymmetric spin ladders*, International Symposium EASTMAG-2010, Ekaterinburg, Russia, 28.06-02.07.2010

D. Bagrets, *Non-equilibrium transport in electronic Mach-Zehnder and Aharonov-Bohm interferometers*, Workshop "Interactions, disorder and topology in quantum Hall systems", MPIPKS, Dresden, Germany, 06.06.2010-11.06.2010.

A.D. Mirlin, *Non-equilibrium bosonization of Luttinger liquids: Tunneling spectroscopy and full counting statistics*, International Workshop "Correlated Phenomena in Low-Dimensional Systems", MPIPKS, Dresden, Germany, 12-16 July 2010

A.D. Mirlin, *Non-equilibrium bosonization of Luttinger liquids: Tunneling spectroscopy and full counting statistics*, International workshop "The Science of Nanostructures: New Frontiers in the Physics of Quantum Dots", Chernogolovka, Russia, 19.09-24.09 2010

I.V. Gornyi, *Aharonov-Bohm conductance through a single-channel quantum ring*, International workshop "The Science of Nanostructures: New Frontiers in the Physics of Quantum Dots", Chernogolovka, Russia, 19.09-24.09 2010

A.D. Mirlin, *Electron transport and interaction in 1D structures*, Winter school on Semiconductor Physics, S. Petersburg (Russia), 25 - 28 February 2011.

V. Kachorovskii. *Tunneling into a Luttinger liquid revisited*. Euler Symposium on Theoretical and mathematical Physics, St. Petersburg, 8-3 July 2011.

D.N. Aristov. *Y-junction connecting Luttinger liquids: fixed point structure and conductances*, Euler Symposium on Theoretical and mathematical Physics, St. Petersburg, 8-3 July 2011.

A.D. Mirlin, *Multifractality and interaction: Enhancement of superconductivity by Anderson localization*, International Conference "Localization 2011", Pohang, South Korea, 4-7 August 2011.

A.D. Mirlin, *Multifractality and interaction: Enhancement of superconductivity by Anderson localization*, Conference TIDS14 "Transport in interacting disordered systems", Acre (Israel), 5-8 September 2011.

S.T. Carr, *Full counting statistics in the interacting resonant level model*, ICTP Workshop on Many-Body Theory, Trieste, 10-11 November 2011.

I.V. Gornyi, *Non-equilibrium bosonization* (Lecture course). International Non-Equilibrium School (INES2011), Kolkata, India, January 2012.

I.V. Gornyi. *Enhancement of superconductivity by Anderson localization*. Conference "Electronic Correlations and Disorder in Quantum Matter", 31 March - 3 April 2012, Karlsruhe, Germany.

I.V. Gornyi, *Enhancement of superconductivity by Anderson localization*. Advanced Research Workshop "Fundamentals of electronic nanosystems. Nano-Peter 2012", St. Petersburg, Russia, June 2012.

S. Carr. *Low-temperature transport in ladder models and carbon nanotubes*. Advanced Research Workshop "Fundamentals of electronic nanosystems. Nano-Peter 2012", St. Petersburg, Russia, June 2012.

I.V. Gornyi, *Anderson localization vs. Anderson theorem*. Mathematics and Physics of Disordered Systems, Isaac Newton Institute for Mathematical Sciences, Cambridge, United Kingdom, 17 September - 21 September 2012.

A.D. Mirlin, *Multifractality of wave functions: Interplay with interaction, classification, and symmetries*, International Conference "The Science of Nanostructures: New Frontiers in the Physics of Quantum Dots", Chernogolovka, Russia, September 10-14, 2012.

A.D. Mirlin, *Non-equilibrium bosonization and singular Fredholm determinants*, Workshop on "Interferometry and Interactions in Non-equilibrium Meso- and Nano-systems", Trieste, Italy, 8-12 April 2013.

I. Protopopov. *Dynamics of waves in 1D electron systems: Density oscillations driven by population inversion*, Euler Symposium on Theoretical and Mathematical Physics, St. Petersburg, Russia, July 12-17, 2013.

I. Gornyi. *Superconductivity and Anderson localization*. Euler Symposium on Theoretical and Mathematical Physics, St. Petersburg, Russia, July 12-17, 2013.

I. Protopopov, *Dynamics of waves in 1D quantum electron systems: From population inversion to classical hydrodynamics*, International Workshop "Topology and Nonequilibrium in Low-Dimensional Electronic Systems", Dresden, 16 - 20 September 2013.