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- [44] T. Vojta: *Superfluid-Mott glass quantum phase transition*, Workshop on Disorder in Condensed Matter and Black Holes, Leiden (10 Jan 2017)
- [43] T. Vojta: *Infinite-noise criticality: Nonequilibrium phase transitions in fluctuating environments*, International Conference on Renormalization Group Theory of Disordered Systems, Paris (25 Jul 2016)
- [42] T. Vojta: *Quantum critical behavior of a superfluid-insulator transition*, 28th IUPAP Conference on Computational Physics, Johannesburg (13 Jul 2016)
- [41] T. Vojta: *How random is topological disorder: Phase transitions and localization on random lattices*, International Conference on Quantum Disordered Systems, Chennai (1 Mar 2016)
- [40] T. Vojta: *Phases and phase transitions in disordered quantum systems*, series of four lectures at the School on Quantum Disordered Systems, Chennai (24 Feb 2016)
- [39] T. Vojta, H. Barghathi, M. Puschmann, P. Cain and M. Schreiber: *How random is topological disorder? Phase transitions and localization on random lattices*, International Conference on Frontiers of Quantum and Mesoscopic Thermodynamics, Prague (30 Jul 2015)
- [38] T. Vojta: *How random is topological disorder*, International Conference on Coherence and Correlations on different scales, Ustron (6 Sep 2014)
- [37] T. Vojta: *Criticality and quenched disorder: Rare regions vs. Harris criterion*, Workshop on Quantum Criticality in Correlated Materials and Model Systems, Natal (24 Jul 2014)
- [36] T. Vojta: *How random is topological disorder*, International Workshop on Recent Progress and Perspectives in Scaling, Multifractality, Interactions, and Topological Effects Near Anderson Transitions, Dresden (14 Mar 2014)
- [35] T. Vojta: *Strong-randomness ferromagnetic quantum phase transitions*, International Conference on Recent Progress in Many-Body Theories 17, Rosstock (12 Sep 2013)

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- [33] T. Vojta: Phase transitions, disorder, and Griffiths singularities, series of four lectures at the 2013 Boulder School for Condensed Matter and Materials Physics, Boulder (17 July 2013)
- [32] T. Vojta: *Strong-randomness phenomena at superfluid phase transitions*, International Conference on Disorder in Condensed Matter and Ultracold Atoms, Varenna (12 June 2013)
- [31] T. Vojta: *Phases and phase transitions in disordered quantum systems*, series of five lectures at the XVII Training Course in the Physics of Strongly Correlated System, Vietri Sul Mare (8 Oct 2012)
- [30] T. Vojta: *Infinite-randomness criticality in disordered metals and superconductors*, APS March Meeting, Boston (29 Feb 2012)
- [29] T. Vojta: *Transport properties in magnetic quantum Griffiths phases*, International Conference Localisation 2011, Pohang (5 Aug 2011)
- [28] T. Vojta: *Anomalously elastic intermediate phase in randomly layered superfluids, superconductors, and planar magnets*, International Conference on Frontiers of Quantum and Mesoscopic Thermodynamics, Prague (29 Jul 2011)
- [27] T. Vojta: *Anomalous elasticity in disordered superfluids, superconductors and magnets*, Workshop on Synergies between Field Theory and Exact Computational Methods in Strongly Correlated Quantum Matter, Trieste (26 Jul 2011)
- [26] T. Vojta: *Ultraslow dynamics in disordered superconducting nanowires*, KITP Program on Electron Glasses, Santa Barbara (28 Jul 2010)
- [25] T. Vojta: *Superconductor-metal quantum phase transition in disordered nanowires*, International Workshop on Correlated Phenomena in Low-Dimensional Systems, Dresden (16 Jul 2010)
- [24] T. Vojta: *Rare region effects at quantum phase transitions*, Symposium on Rare Fluctuations and Large Disorder in Quantum Systems, Princeton Center for Theoretical Science, Princeton University, Princeton (24 Sep 2009)
- [23] T. Vojta: *Infinite-randomness quantum critical points induced by dissipation*, International Conference on Quantum Criticality and Novel Phases, Dresden (4 Aug 2009)
- [22] T. Vojta: *Effects of dissipation on quantum critical points with disorder*, ICAM Workshop on Quantum Phase Transitions: Statics and Dynamics, Toronto (25 Sep 2008)
- [21] T. Vojta: *Quantum critical points with disorder and dissipation*, Int. Conf. on Low-Temperature Physics LT25, Amsterdam (12 Aug 2008)
- [20] T. Vojta: *Effects of dissipation on quantum critical points with disorder*, International Conference on Frontiers of Quantum and Mesoscopic Thermodynamics, Prague (28 July 2008)
- [19] T. Vojta: *Disordered quantum phase transitions*, Series of four lectures at the Summer School of the Asia-Pacific Center for Theoretical Physics, Seoul (21 July 2008)
- [18] T. Vojta: *Quantum phase transitions on percolating lattices*, International Conference on Recent Progress in Many-Body Theories 14, Barcelona (18 July 2007)
- [17] T. Vojta: *Quantum phase transitions on percolating lattices*, APS March Meeting, Denver (7 Mar 2007)
- [16] T. Vojta: *Quantum phase transitions and disorder: Infinite randomness, Griffiths singularities, and smearing*, APCTP Winter Workshop on Emergent phenomena near quantum critical points, Pohang, Korea, (7 Feb 2007)
- [15] T. Vojta: *Quantum phase transitions on percolating lattices*, APCTP Winter Workshop on Emergent phenomena near quantum critical points, Pohang, Korea, (9 Feb 2007)
- [14] T. Vojta: *Quantum phase transitions and disorder: rare regions, Griffiths effects and smearing*, KITP Conference on Quantum Phase Transitions, Kavli Institute for Theoretical Physics, Santa Barbara (18 Jan 2005)
- [13] T. Vojta: *Ferromagnetic quantum phase transitions*, 20th General Conference of the Condensed Matter Division of the European Physical Society, Prague (21 July 2004)
- [12] T. Vojta and R. Sknepnek: *Critical points and quenched disorder: From Harris criterion to rare regions and smearing*, International Workshop on Modelling and Simulation in Molecular Systems, Mesoscopic Structures, and Materials Science, Chemnitz (21 Apr 2004)
- [11] T. Vojta: *Itinerant ferromagnetic quantum phase transition*, ICAM workshop on quantum criticality, New York (21 Mar 2003)

- [10] T. Vojta: *Unconventional scaling at dirty superconducting quantum phase transitions*, SPHINX Workshop on Unconventional Critical Behaviour and Phase Transitions, Prague (21 Sep 2002)
- [9] T. Vojta: *Quantum phase transitions in electronic systems*, European Science Foundation FERLIN Workshop on the Physics of Ytterbium systems at low temperatures, Krumbach (30 Nov 2001)
- [8] A. Goldman, A. Möbius, Z. Ovadyahu and T. Vojta: *Discussion panel on glassy behavior in Coulomb systems*, 9th International Conference on Hopping and Related Phenomena, Shefayim (3 Sep 2001)
- [7] T. Vojta: *Quantum phase transitions: Theory and simulations*, WE-Heraeus summer school on statistical physics: From the billiard table to Monte Carlo, Chemnitz (5 Oct 2000)
- [6] T. Vojta: *Condensed matter physics on the computer*, Int. summer school on teaching computational physics, Trest (31 Aug 2000)
- [5] T. Vojta, D. Belitz, T.R. Kirkpatrick, R. Narayanan: *Quantum critical behavior of itinerant ferromagnets*, Int. Conference on Localization, Hamburg (30 Jul 1999)
- [4] T. Vojta, F. Epperlein and M. Schreiber: *Computer simulation of disordered interacting electrons*, Conference on Computational Physics, Granada (3 Sep 1998)
- [3] T. Vojta, D. Belitz, T.R. Kirkpatrick and R. Narayanan: *Magnetic quantum phase transition of clean and disordered itinerant electrons*, 62. Frühjahrstagung der DPG, Regensburg (24 Mar 1998)
- [2] T. Vojta: *Numerical simulation of the quantum Coulomb glass*, Workshop of A. von Humboldt-Stiftung: Localization and Electronic States in Low-dimensional Condensed Matter Systems, Papstdorf (16 Jan 1998)
- [1] T. Vojta: *Quantum Coulomb glass*, 7th International Conference on Hopping and Related Phenomena, Rackeve (20 Aug 1997)

Seminars and Colloquia

- [89] T. Vojta: *Emerging phases and phase transitions in (disordered) quantum matter*, Physics Colloquium, Iowa State University, Ames (27 Feb 2017)
- [88] T. Vojta: *Strange phenomena in flatland: Physics Nobel Prize 2016*. Physics Colloquium, Missouri University of Science and Technology, Rolla (1 Dec 2016)
- [87] T. Vojta: *Infinite randomness in magnets, superconductors, bio-populations and evolution*, Condensed Matter Seminar, University of Oregon, Eugene (22 Jan 2016)
- [86] T. Vojta: *Emerging phases and phase transitions in quantum matter*, Physics Colloquium, University of Oregon, Eugene (21 Jan 2016)
- [85] T. Vojta: *Metamorphosis in the particle world: Physics Nobel Prize 2015*, Physics Colloquium, Missouri University of Science and Technology, Rolla (12 Nov 2015)
- [84] T. Vojta: *Quantum phase transitions and novel phases in condensed matter*, Physics Colloquium, Universidade Federal de São Carlos, São Carlos, Brazil (13 May 2015)
- [83] T. Vojta: *Phases and phase transitions in disordered quantum systems*, series of five lectures at the São Carlos Institute of Physics, São Carlos, Brazil, (4 May to 15 May 2015)
- [82] T. Vojta: *Quantum phase transitions and novel phases in condensed matter*, Physics Colloquium, Universidade Federal de Minas Gerais, Belo Horizonte, Brazil (24 April 2015)
- [81] T. Vojta: *Phases and phase transitions in disordered quantum systems*, series of five lectures at the Universidade Federal de Minas Gerais, Belo Horizonte, Brazil (23 April to 30 April 2015)
- [80] T. Vojta: *Filling the world with new light: Physics Nobel Prize 2014*, Physics Colloquium, Missouri University of Science and Technology, Rolla (30 Jan 2015)
- [79] T. Vojta: *Quantum phase transitions and disorder: Griffiths singularities, infinite randomness, and smearing*, Condensed Matter Seminar, University of Minnesota, Minneapolis (30 Oct 2014)
- [78] T. Vojta: *Strong-randomness phenomena at superfluid phase transitions*, Condensed Matter Collo-

- quium, Los Alamos National Laboratory (15 Oct 2014)
- [77] T. Vojta: *Quantum phase transitions and novel phases in condensed matter*, Physics Colloquium, São Carlos Institute of Physics, São Carlos, Brazil (08 Aug 2014)
- [76] T. Vojta: *Quantum phase transitions and disorder: Griffiths singularities, infinite randomness, and smearing*, Research Seminar, São Carlos Institute of Physics, São Carlos, Brazil (06 Aug 2014)
- [75] T. Vojta: *Quantum phase transitions and disorder: Rare regions, infinite randomness and smearing*, Condensed Matter Seminar, University of Kentucky, Lexington (10 Dec 2013)
- [74] T. Vojta: *Particle control in a quantum world: the 2012 Physics Nobel Prize*, Physics Colloquium, Missouri University of Science and Technology, Rolla (14 Nov 2012)
- [73] T. Vojta: *Quantum phase transitions and disorder: from Harris criterion to infinite randomness and smearing*, Condensed Matter Physics Seminar, Ohio State University, Columbus (1 Oct 2012)
- [72] T. Vojta: *Quantum phase transitions and novel phases in condensed matter*, Seminar, Missouri Institute of Computational and Applied Mathematics, Rolla (28 Nov 2011)
- [71] T. Vojta: *The accelerating universe: the 2011 Physics Nobel Prize*, Physics Colloquium, Missouri University of Science and Technology, Rolla (27 Oct 2011)
- [70] T. Vojta: *Quantum phase transitions and novel phases in condensed matter*, Physics Department Seminar, Missouri State University, Springfield (03 Mar 2011)
- [69] T. Vojta: *Quantum phase transitions and disorder: from Harris criterion to infinite randomness and smearing*, Condensed Matter Seminar, Los Alamos National Laboratory (09 Feb 2011)
- [68] Y.-S. Hor and T. Vojta: *Flat carbon: the 2010 Physics Nobel Prize*, Physics Colloquium, Missouri University of Science and Technology, Rolla (21 Oct 2010)
- [67] T. Vojta: *Quantum phase transitions and novel phases in condensed matter*, Physics Colloquium, Truman State University, Kirksville (20 Oct 2010)
- [66] T. Vojta: *Cluster computing in the Missouri S&T physics department*, Physics Colloquium, Missouri University of Science and Technology, Rolla (21 Jan 2010)
- [65] T. Vojta and A. Yamilov: *Masters of light: the 2009 Physics Nobel Prize*, Physics Colloquium, Missouri University of Science and Technology, Rolla (19 Nov 2009)
- [64] T. Vojta: *Infinite-randomness quantum critical points induced by dissipation*, Condensed Matter Seminar, California Institute of Technology, Pasadena (9 Nov 2009)
- [63] T. Vojta: *Infinite-randomness quantum critical points induced by dissipation*, Theoretical Physics Colloquium, Tata Institute for Fundamental Research, Mumbai, India (20 Oct 2009)
- [62] T. Vojta: *Quantum phase transitions*, Physics Colloquium, Institute for Mathematical Sciences, Chennai, India (13 Oct 2009)
- [61] T. Vojta: *Phase transitions and disorder: from Harris criterion to infinite randomness and smearing*, Physics Colloquium, Indian Institute of Technology Madras, Chennai, India (07 Oct 2009)
- [60] T. Vojta: *Phase transitions and disorder: from Harris criterion to infinite randomness and smearing*, Theoretical Physics Seminar, Physics Department, University of Bilbao, Spain (14 July 2009)
- [59] T. Vojta: *Phase transitions and disorder: from Harris criterion to infinite randomness and smearing*, Seminar, Physics Department, Munich University of Technology, Germany (9 July 2009)
- [58] T. Vojta: *Infinite-randomness quantum critical points induced by dissipation*, Seminar, Institute for Theoretical Condensed Matter Physics, University of Karlsruhe, Germany (25 May 2009)
- [57] T. Vojta: *Phase transitions and disorder: from Harris criterion to infinite randomness and smearing*, Physics Colloquium, Dresden University of Technology, Dresden, Germany (19 May 2009)
- [56] T. Vojta: *Phase transitions and disorder: from Harris criterion to infinite randomness and smearing*, Physics Colloquium, Max-Planck-Institute for Chemical Physics of Solids, Dresden, Germany (14 May 2009)
- [55] T. Vojta: *How rare regions can dominate the thermodynamics of a macroscopic system*, Scientific Jam Session, Max-Planck-Institute for Physics of Complex System, Dresden, Germany (23 Januar 2009)
- [54] T. Vojta: *The superconductor-metal transition in disordered nanowires*, Condensed Matter Seminar, Max-Planck-Institute for Physics of Complex System, Dresden, Germany (15 Januar 2009)

- [53] T. Vojta: *Phase transitions and disorder: from Harris criterion to infinite randomness and smearing*, Physics Colloquium, Louisiana State University, Baton Rouge (4 Dec 2008)
- [52] T. Vojta: *Broken symmetry: the 2008 Physics Nobel Prize*, Physics Colloquium, Missouri University of Science and Technology, Rolla (20 Nov 2008)
- [51] T. Vojta: *Quantum phase transitions with disorder and dissipation*, Complex Quantum Systems Seminar, University of Texas, Austin (16 October 2008)
- [50] T. Vojta: *Quantum phase transitions and disorder: From Harris criterion to infinite randomness and smearing*, Seminar of the Laboratory for Atomic and Solid State Physics, Cornell University (3 Oct 2008)
- [49] T. Vojta: *Phase transitions and disorder: From Harris criterion to infinite randomness and smearing*, Physics Colloquium, Kent State University (18 Sep 2008)
- [48] T. Vojta: *Phase transitions and disorder: Harris criterion, Griffiths singularities, and smearing*, Solid State Theory Seminar, University of Regensburg (12 June 2008)
- [47] T. Vojta: *Quantum phase transitions on percolating lattices*, Seminar on Theory of disordered systems, Chemnitz University of Technology (11 June 2008)
- [46] T. Vojta: *Quantum phase transitions and disorder: Infinite randomness, Griffiths singularities, and smearing*, Condensed Matter Seminar, University of Waterloo (8 April 2008)
- [45] T. Vojta: *Quantum phase transitions and disorder: Infinite randomness, Griffiths singularities, and smearing*, Condensed Matter Seminar, University of Toronto (7 April 2008)
- [44] T. Vojta: *Phase transitions and disorder: Harris criterion, Griffiths singularities, and smearing*, Condensed Matter Seminar, Duke University (24 Jan 2008)
- [43] T. Vojta and J. Medvedeva: *The 2007 Physics Nobel Prize*, Physics Colloquium, University of Missouri–Rolla, Rolla (18 Oct 2007)
- [42] T. Vojta: *Quantum phase transitions on percolating lattices*, Theory Colloquium, Institute for Theoretical Physics, University of Cologne (1 June 2007)
- [41] T. Vojta: *Phase transitions and disorder - How rare events can dominate a macroscopic system*, Physics Colloquium, University of Missouri–Rolla (21 Sep 2006)
- [40] T. Vojta: *Phase transitions and disorder - How rare events can dominate a macroscopic system*, Physics Colloquium, University of Missouri–Columbia (18 Sep 2006)
- [39] T. Vojta: *Quantum phase transitions and disorder: Infinite randomness, Griffiths singularities, and smearing*, Seminar, Institute for Theoretical Condensed Matter Physics, University of Karlsruhe (12 June 2006)
- [38] T. Vojta: *Quantum phase transitions and disorder: Infinite randomness, Griffiths singularities, and smearing*, Strong Correlations Seminar, Max-Planck-Institute for Physics of Complex Systems, Dresden (8 June 2006)
- [37] T. Vojta: *Quantum phase transitions*, Condensed Matter Seminar, Washington University, St. Louis (6 Mar 2006)
- [36] T. Vojta: *Quantum phase transitions and disorder: Infinite randomness, Griffiths singularities, and smearing*, Condensed Matter Seminar, Department of Physics, University of Florida (7 Nov 2005)
- [35] T. Vojta: *Quantum phase transitions and disorder: Infinite randomness, Griffiths singularities, and smearing*, Condensed Matter Seminar, Department of Physics, Syracuse University (21 Oct 2005)
- [34] T. Vojta: *Quantum phase transitions*, Physics Colloquium, Department of Physics, Syracuse University (20 Oct 2005)
- [33] T. Vojta: *Quantum phase transitions and disorder: Infinite randomness, Griffiths singularities, and smearing*, Condensed Matter Seminar, Department of Physics, University of Southern California (25 Feb 2005)
- [32] T. Vojta: *Quantum phase transitions and disorder: Infinite randomness, Griffiths singularities, and smearing*, Theory Seminar, Department of Physics, University of Illinois Urbana-Champaign (4 Oct 2004)
- [31] T. Vojta: *Quantum phase transitions and disorder: Infinite randomness, Griffiths singularities, and smearing*, Physics Colloquium, Virginia Technological University (1 Oct 2004)
- [30] T. Vojta: *Quantum phase transitions and disorder: Infinite randomness, Griffiths singularities, and smearing*, National High Magnetic Field Laboratory, Florida State University, Tallahassee (12 Mar 2004)
- [29] T. Vojta: *The 2003 Physics Nobel Prize*, Physics Colloquium, University of Missouri–Rolla, Rolla (16 Oct 2003)

- [28] T. Vojta: *Quantum Phase Transitions*, Chemical Engineering Seminar, University of Missouri–Rolla, Rolla (10 Oct 2003)
- [27] T. Vojta: *Quantum phase transitions and disorder: Infinite randomness, Griffiths singularities, and smearing*, Condensed Matter Seminar, University of Illinois at Chicago, Chicago (18 Sep 2003)
- [26] T. Vojta: *The ferromagnetic quantum phase transition*, Condensed Matter Seminar, Iowa State University, Ames (25 Apr 2002)
- [25] T. Vojta: *Quantum phase transitions in electronic systems*, Condensed Matter Seminar, University of Missouri - Columbia (20 Feb 2002)
- [24] T. Vojta: *The ferromagnetic quantum phase transition*, Condensed Matter Seminar, Cavendish Laboratory, University of Cambridge (31 Oct 2001)
- [23] T. Vojta: *Quantum phase transitions in electronic systems*, Applied Mathematics Seminar, Open University, Milton Keynes (30 Oct 2001)
- [22] T. Vojta: *Coexistence of superconductivity and ferromagnetism*, Condensed Matter Theory Seminar, University of Oxford (19 Oct 2001)
- [21] T. Vojta: *Rare regions, local moments, and annealed disorder: A novel mechanism for metal-insulator transitions*, Physics Seminar, Department of Physics, University of Missouri Rolla (20 Jul 2001)
- [20] T. Vojta: *Quantum phase transitions in electronic systems*, Physics Colloquium, Department of Physics, University of Missouri Rolla (1 Mar 2001)
- [19] T. Vojta: *Quantum phase transitions in electronic systems*, Theorieseminar, Institut für Physik, Johannes-Gutenberg-Universität Mainz (13 Feb 2001)
- [18] T. Vojta: *Quantum phase transitions*, Theorie-Seminar, Institut für Theoretische Physik, Universität Magdeburg (12 Dec 2000)
- [17] T. Vojta: *The ferromagnetic quantum phase transition*, Seminar zur Theorie der kondensierten Materie, Universität Augsburg (14 Nov 2000)
- [16] T. Vojta: *Quantum phase transitions in electronic systems*, Festkörpertheorie-Seminar, Universität Regensburg (11 Jul 2000)
- [15] T. Vojta: *Quantum phase transitions in electronic systems*, Theoretisches Kolloquium, Universität Halle (5 Jul 2000)
- [14] T. Vojta: *Quantum critical behavior of itinerant ferromagnets*, Theoretical Physics Forum, University of Oxford (20 Jun 2000)
- [13] T. Vojta: *Do interactions enhance or reduce transport in a disordered electronic system: It depends!*, Festkörpertheorie-Seminar, Universität Erlangen (6 Jun 2000)
- [12] T. Vojta: *Rare regions, local moments and annealed disorder at quantum phase transitions*, Festkörpertheorie-Seminar, Universität Karlsruhe (15 May 2000)
- [11] T. Vojta: *Neural networks: Can we simulate the human brain?*, TU Chemnitz Alumni Society, Chemnitz (4 Apr 2000)
- [10] T. Vojta: *Quantum phase transitions in electronic systems*, Condensed Matter Seminar, University of California, Riverside (1 Mar 1999)
- [9] T. Vojta: *Quantum phase transitions in electronic systems*, Materials Sciences Seminar, University of Oregon, Eugene (26 Feb 1999)
- [8] T. Vojta: *Quantum phase transitions in electronic systems*, Condensed Matter Seminar, University of Massachusetts, Amherst (18 Feb 1999)
- [7] T. Vojta: *Computer simulations of disordered interacting electrons*, Materials Sciences Seminar, University of Oregon, Eugene (22 Sep 1998)
- [6] T. Vojta: *Nonanalytic behavior of the spin susceptibility and the consequences*, Seminar über Festkörpertheorie, Universität Karlsruhe (14 Jul 1998)
- [5] T. Vojta: *Do interactions enhance or reduce transport in an interacting disordered system?*, Science-Seminar, I. Institut für theoretische Physik, Universität Hamburg (28 Apr 1998)
- [4] T. Vojta: *Damage spreading: a non-equilibrium critical phenomenon*, Theoretical Sciences Seminar, University of Oregon, Eugene (4 Nov 1997)
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