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- [58] T. Vojta, *Collective modes at a disordered quantum phase transition*, KITP program “A new spin on quantum magnets”, Santa Barbara (15 Aug 2023)
- [57] T. Vojta, X. Ye, and R. Narayanan, *Controlling the stripe order in a diluted frustrated magnet*, Workshop on Strong Electron Correlations in Quantum Materials: Inhomogeneities, Frustration, and Topology, São Paulo (19 Jun 2023)
- [56] T. Vojta, *Collective modes at a disordered quantum phase transition*, Autumn Meeting of the Brazilian Physical Society, Ouro Preto (23 May 2023)
- [55] T. Vojta, X. Ye, and R. Narayanan, *Controlling the stripe order in a diluted frustrated magnet*, International Conference on Frontiers of Quantum and Mesoscopic Thermodynamics, Prague (05 Aug 2022)
- [54] T. Vojta, X. Ye, and R. Narayanan, *Controlling the stripe order in a diluted frustrated magnet*, 15th Joint MMM-INTERMAG Conference, New Orleans (29 Dec 2021), talk delivered online
- [53] T. Vojta, *Collective modes at the superfluid-Mott glass transition*, International Conference on Frontiers of Quantum and Mesoscopic Thermodynamics, Prague (20 Jul 2021), conference held virtually
- [52] T. Vojta, *Collective modes at a disordered quantum phase transition*, Localisation 2020, Sapporo (25 Aug 2020), conference held virtually
- [51] T. Vojta, M. Puschmann, P. Cain, and M. Schreiber, *Integer quantum Hall transition on a tight-binding lattice*, International Conference on Frontiers of Quantum and Mesoscopic Thermodynamics, Prague (19 Jul 2019)
- [50] T. Vojta, *Collective modes at a disordered quantum phase transition*, International Workshop on Quantum Ferromagnetism and Related Phenomena, Dresden (06 May 2019)
- [49] T. Vojta, J. Crewse, C. Lerch, M. Puschmann, D. Arovas: *Fate of the amplitude (Higgs) mode at the superfluid-Mott glass quantum phase transition*, International Workshop on Anderson Localization and Interactions, Dresden (27 Sep 2018)
- [48] T. Vojta, J. Crewse, C. Lerch, M. Puschmann, D. Arovas: *Fate of the amplitude (Higgs) mode at a disordered quantum phase transition*, ICTP Workshop on Strong Electron Correlations in Quantum Materials: Inhomogeneities, Frustration and Topology, São Paulo (17 Aug 2018)
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- [46] T. Vojta, J. Crewse, M. Puschmann, D. Arovas: *Fate of the amplitude (Higgs) mode at a disordered quantum phase transition*, International Conference on Frontiers of Quantum and Mesoscopic Thermodynamics, Prague (11 Jul 2017)
- [45] T. Vojta: *Emerging phases and phase transitions in quantum matter*, Workshop on Aesthetics and Dynamics, Chemnitz (22 April 2017)
- [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, Rostock (12 Sep 2013)
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- [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)
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- [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)
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- [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)
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- [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)
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- [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)
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- [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)
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- [1] T. Vojta: *Quantum Coulomb glass*, 7th International Conference on Hopping and Related Phenomena, Rackeve (20 Aug 1997)

Seminars and Colloquia

- [107] T. Vojta: *Entangled states - from theory to technology: The 2022 Physics Nobel Prize* Physics Colloquium, Missouri University of Science and Technology, Rolla (1 Dec 2022)
- [106] T. Vojta: *Collective modes at a disordered quantum phase transition*, Condensed Matter Seminar, Harvard University, Boston (21 Apr 2022)
- [105] T. Vojta: *Hidden patterns in complex systems: The 2021 Nobel Prize in Physics*, Physics Colloquium, Missouri University of Science and Technology, Rolla (18 Nov 2021)
- [104] T. Vojta: *Emerging phases and phase transitions in quantum matter*, Chemistry Seminar, Missouri University of Science and Technology, Rolla (10 Feb 2020)
- [103] T. Vojta: *Collective modes at a disordered quantum phase transition*, Condensed Matter Seminar, Los Alamos National Laboratory, Los Alamos (27 Jan 2020)
- [102] T. Vojta and S. Saito: *New perspectives on our place in the universe: 2019 Physics Nobel Prize*, Physics Colloquium, Missouri University of Science and Technology, Rolla (21 Nov 2019)
- [101] T. Vojta: *How random is topological disorder: Phase transitions in random systems*, Seminar, California Nanoscience Institute, Santa Barbara (12 Apr 2019)
- [100] T. Vojta: *Emerging phases and phase transitions in (disordered) quantum matter*, Physics Colloquium, Illinois State University, Normal (26 Feb 2019)
- [99] T. Vojta and D. Fischer: *Tools made of light: 2018 Physics Nobel Prize*, Physics Colloquium, Missouri University of Science and Technology, Rolla (29 Nov 2018)

- [98] T. Vojta: *Quantum phase transitions and disorder: Griffiths singularities, infinite randomness, and smearing*, Condensed Matter Theory Seminar, University of Maryland, College Park (30 Oct 2018)
- [97] T. Vojta: *Quantum phase transitions and disorder: Griffiths singularities, infinite randomness, and smearing*, Theoretical Physics Seminar, Stanford University, Palo Alto (25 Oct 2018)
- [96] T. Vojta: *Exotic phase transitions in disordered magnets, superconductors, and ultracold gases*, Physics Colloquium, University of Regensburg, Germany (28 May 2018)
- [95] T. Vojta: *Quantum phase transitions and disorder: Griffiths singularities, infinite randomness, and smearing*, Theoretical Physics Seminar, TU Dresden, Germany (8 Dec 2017)
- [94] T. Vojta: *Quantum phase transitions and disorder: Griffiths singularities, infinite randomness, and smearing*, Seminar on Theory of disordered systems, Chemnitz University of Technology, Germany (6 Dec 2017)
- [93] T. Vojta: *Quantum phase transitions and disorder: Griffiths singularities, infinite randomness, and smearing*, Seminar, Helmholtz-Zentrum Dresden-Rossendorf, Germany (4 Dec 2017)
- [92] T. Vojta: *Cosmic chirps: 2017 Physics Nobel Prize*, Physics Colloquium, Missouri University of Science and Technology, Rolla (30 Nov 2017)
- [91] T. Vojta: *Quantum phase transitions and disorder: Griffiths singularities, infinite randomness, and smearing*, Theoretical Physics Seminar, Washington University, St. Louis (5 Oct 2017)
- [90] T. Vojta: *Emerging phases and phase transitions in (disordered) quantum matter*, Physics Colloquium, University of Vermont, Burlington (26 April 2017)
- [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 Colloquium, 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, Germany (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: *Coeexistence 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*, Theorie-seminar, 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)
- [3] T. Vojta: *The ferromagnetic quantum phase transition of itinerant electrons*, Seminar des Max-Planck-Instituts für Physik komplexer Systeme, Dresden (12 Jun 1997)
- [2] T. Vojta: *Quantum phase transitions*, Theoretisch-physikalisches Kolloquium, TU Dresden (7 Nov 1996)
- [1] T. Vojta: *Breakdown of Landau-Ginzburg-Wilson theory for certain quantum phase transitions*, Seminar Sonderforschungsbereiches 195: Lokalisierung von Elektronen in makroskopischen und mikroskopischen Systemen, Karlsruhe (11 Dec 1995)

Conference Contributions

- [200] T.Vojta, *Tutorial on disorder effects*, KITP program “A new spin on quantum magnets”, Santa Barbara (4 Aug 2023)
- [199] S. Janusonis, T. Vojta, R. Metzler, J.H. Haiman, A. Rayle, W. Wang, *Self-Organization of the Brain Serotonergic Matrix: From Stochastic Axons to Regional Densities*, 2023 Missouri S&T, NextGen Precision Health, and Ozark Biomedical Initiative Symposium, Rolla (28 Apr 2023)
- [198] S. Janusonis, K.C. Mays, M. Hingorani, R. Metzler and T. Vojta, *Experimental and Theoretical Insights into the Self-organization of the Brain Serotonergic Matrix*, 20th Meeting of the International Society for Serotonin Research (ISSR 2023), Cancun (23 April 2023)
- [197] Vishnu Pulloor Kuttanikkad, G.R. Khairnar, T. Vojta and R. Narayanan, *Phase diagram and critical behaviour of disordered quantum clock model*, Virtual March Meeting (21 Mar 2023)
- [196] R.D. Beattie-Hauser, G.R. Khairnar, J. House, S. Janusonis, R. Metzler and T. Vojta, *Branching fractional Brownian motion as a model of serotonergic neurons*, APS March Meeting, Las Vegas (10 Mar 2023)
- [195] G.R. Khairnar, Vishnu Pulloor Kuttanikkad, R. Narayanan and T. Vojta, *Monte Carlo Simulations of the Disordered q-state Quantum Clock model*, APS March Meeting, Las Vegas (9 Mar 2023)
- [194] W.J. Meese, T. Vojta and Rafael Fernandes, *The role of structural disorder on the electronic nematicity of iron-based superconductors*, APS March Meeting, Las Vegas (7 Mar 2023)
- [193] L.B. Sowardski, S. Anderson, C.J. Lerch, J.E. Medvedeva, and T. Vojta, *Magnetic properties of diluted hexaferrites*, APS March Meeting, Las Vegas (6 Mar 2023)
- [192] S. Janusonis, T. Vojta, R. Metzler, J.H. Heiman and W. Wang, *The Self-Organization of the Brain Serotonergic Matrix: From Stochastic AxonPaths to Regional Densities*, NSF CRCNS PI Meeting, Atlanta (27 Oct 2022)
- [191] S. Janusonis, R. Metzler and T. Vojta, *Reflected Fractional Brownian Motion in 3D-Brain Shapes: Insights into the Distribution of Serotonergic Axons*, 31st Annual Computational Neuroscience Meeting CNS*2022, Melbourne (18 July 2022)
- [190] W.J. Meese, T. Vojta and R.M. Fernandes, *Random strain effects on the coupled magnetic and nematic transitions of iron-based superconductors*, APS March Meeting, Chicago (18 Mar 2022)
- [189] S. Anderson and T. Vojta, *Effects of nonuniform vacancy distribution on diluted hexaferrites*, APS March Meeting, Chicago (17 Mar 2022)
- [188] R. Beattie-Hauser and T. Vojta, *Scalar susceptibility of a diluted classical XY model*, APS March Meeting, Chicago (17 Mar 2022)
- [187] S. Kaur, H.K. Kundu, S. Kumar, A. Gogra, R. Narayanan, T. Vojta and A. Bid, *Observation of Quantum Griffiths singularity and anomalous metal in LaScO₃/SrTiO₃*, APS March Meeting, Chicago (16 Mar 2022)
- [186] X. Ye, R. Narayanan and T. Vojta, *Stripe order, impurities, and symmetry breaking in a diluted frustrated magnet*, APS March Meeting, Chicago (16 Mar 2022)
- [185] G. Khairnar, P.K. Vishnu, A. Jain, P.M. Patil, R. Narayanan and T. Vojta, *Phases and phase transitions of a disordered quantum clock model*, APS March Meeting, Chicago (14 Mar 2022)
- [184] M. Puschmann, J.C. Getelina, J.A. Hoyos and T. Vojta, *Inhomogeneous mean-field approach to collective excitations near the superfluid-Mott glass transition*, 84. Annual Meeting of DPG (28 Sep 2021, virtual meeting because of Covid-19)
- [183] S. Janusonis, K.C. Mays, R. Metzler and T. Vojta, *Stochastic Axons in the Mammalian Brain*, 30th Annual Computational Neuroscience Meeting (5 July 2021, virtual meeting)
- [182] G. Khairnar, C.J. Lerch and T. Vojta, *Phase Boundary of Diluted Hexaferrites Near the Magnetic Percolation Transition*, APS March Meeting (19 Mar 2021, virtual meeting because of Covid-19)
- [181] S. Halladay and T. Vojta, *Fractional Brownian Motion in Confined Geometries*, APS March Meeting (19 Mar 2021, virtual meeting because of Covid-19)
- [180] X. Ye and T. Vojta, *Controlling the stripe order in a diluted frustrated magnet*, APS March Meeting (18 Mar 2021, virtual meeting because of Covid-19)
- [179] R. Beattie-Hauser and T. Vojta, *Higgs mode in a diluted classical magnet*, APS March Meeting (18 Mar 2021, virtual meeting because of Covid-19)

- [178] N. Page and T. Vojta, *Modeling random strain by means of a random-field Ising- $O(3)$ model*, APS March Meeting (18 Mar 2021, virtual meeting because of Covid-19)
- [177] P. Reiss, D.A. Graf, A.-A. Haghighirad, T. Vojta and A. Coldea, *Unconventional Dynamical Scaling close to a Nematic Quantum Critical Point*, APS March Meeting (17 Mar 2021, virtual meeting because of Covid-19)
- [176] Z. Miller and T. Vojta, *Tempered Fractional Brownian Motion with Reflecting Walls*, APS March Meeting (17 Mar 2021, virtual meeting because of Covid-19)
- [175] S. Janusonis, R. Metzler and T. Vojta, *A Predictive Model of Serotonergic Fiber Densities Based on Reflected Fractional Brownian Motion*, 29th Annual Computational Neuroscience Meeting (19 July 2020, virtual meeting)
- [174] G. Khairnar, C.J. Lerch and T. Vojta, *Phase Boundary Near a Magnetic Percolation Transition*, APS March Meeting, Denver (6 Mar 2020, virtual meeting because of Covid-19)
- [173] X. Ye and T. Vojta, *One-dimensional contact process with both temporal and spatial disorder*, APS March Meeting, Denver (4 Mar 2020, virtual meeting because of Covid-19)
- [172] N. Page and T. Vojta, *Monte-Carlo simulations of a random-field Ising- $O(3)$ model*, APS March Meeting, Denver (3 Mar 2020, virtual meeting because of Covid-19)
- [171] H. Barghathi and T. Vojta, *Criticality on topologically disordered systems and the Harris criterion*, APS March Meeting, Denver (3 Mar 2020, virtual meeting because of Covid-19)
- [170] A. Chakraborty, J. Meese, R.M. Fernandes and T. Vojta, *Wang-Landau simulations of the coupled magnetic and nematic transitions in disordered iron-based superconductors*, APS March Meeting, Denver (2 Mar 2020, virtual meeting because of Covid-19)
- [169] A. Warhover and T. Vojta, *Anomalous Diffusion with an Absorbing Wall*, APS March Meeting, Denver (2 Mar 2020, virtual meeting because of Covid-19)
- [168] M. Puschmann, J.A. Hoyos and T. Vojta, *An inhomogeneous mean-field approach for collective modes in vicinity of a superfluid-Mott glass transition*, APS March Meeting, Denver (2 Mar 2020, virtual meeting because of Covid-19)
- [167] M. Puschmann, P. Cain, M. Schreiber and T. Vojta, *Boundary critical behavior of the integer quantum Hall transition*, APS March Meeting, Boston (8 Mar 2019)
- [166] X. Ye, J. Cook, E. Huemiller, A.D. Finck, P. Ghaemi Mohammadi, T. Vojta, S. Saha, J. Paglione and C. Kurter, *Unconventional Josephson Effect in a topological Kondo insulator*, APS March Meeting, Boston (7 Mar 2019)
- [165] A. Chakraborty and T. Vojta, *Phases and phase transitions of an anisotropic Ising- $O(3)$ model*, APS March Meeting, Boston (7 Mar 2019)
- [164] C. Lerch and T. Vojta, *Magnetic percolation transition in diluted hexaferrites*, APS March Meeting, Boston (7 Mar 2019)
- [163] J. Crewse and T. Vojta, *Amplitude (Higgs) mode at the superfluid-Mott glass transition*, APS March Meeting, Boston (7 Mar 2019)
- [162] N. Lewellyn, I.M. Percher, J.J. Nelson, J. Garcia-Barriocanal, I. Volotsenko, A. Frydman, T. Vojta and A.M. Goldman, *Infinite-randomness fixed point of the quantum superconductor-metal transitions in amorphous thin films*, APS March Meeting, Boston (6 Mar 2019)
- [161] M. Small, A.H.O. Wada and T. Vojta, *Influence of correlated temporal disorder on an extinction phase transition*, APS March Meeting, Boston (6 Mar 2019)
- [160] A. Warhover and T. Vojta, *Fractional Brownian Motion with an absorbing wall*, APS March Meeting, Boston (6 Mar 2019)
- [159] S. Skinner and T. Vojta, *Fractional Langevin equation with reflecting barrier*, APS March Meeting, Boston (6 Mar 2019)
- [158] C. Lerch and T. Vojta, *Monte Carlo simulations of the magnetic behavior of diluted hexaferrites*, APS March Meeting, Los Angeles (8 Mar 2018)
- [157] T. Vojta, J. Crewse and C. Lerch, *Quantum critical behavior of a three-dimensional superfluid-Mott glass transition*, APS March Meeting, Los Angeles (8 Mar 2018)
- [156] M. Small, A.H.O. Wada and T. Vojta, *Extinction phase transitions in correlated external noise*, APS March Meeting, Los Angeles (7 Mar 2018)
- [155] A.K. Ibrahim and T. Vojta, *Monte Carlo Simulations of a Disordered Superconductor-Metal Quantum Phase Transition*, APS March Meeting, Los Angeles (6 Mar 2018)

- [154] M. Puschmann, P. Cain, M. Schreiber and T. Vojta, *Integer quantum Hall transitions on tight-binding lattices*, APS March Meeting, Los Angeles (5 Mar 2018)
- [153] M. Puschmann, P. Cain, M. Schreiber and T. Vojta, *Integer quantum Hall transitions on random Voronoi-Delaunay lattices*, International Conference on Geometry and Physics of Spatial Random Systems, Bad Herrenalb (11 Sep 2017); best poster award
- [152] T. Vojta, J. Crewse, M. Puschmann, D. Arovav: *Fate of the Amplitude (Higgs) Mode at a Disordered Quantum Phase Transition*, KITP Conference on Order, Fluctuations, and Strong Correlations: New Platforms and Developments, Santa Barbara (2 Aug 2017)
- [151] S. Tackett, H. Barghathi and T. Vojta, *Nonequilibrium phase transitions in a model of ecological and evolutionary dynamics*, APS March Meeting, New Orleans (15 Mar 2017)
- [150] A. Gebretsadik, R. Wang, S. Ubaid-Kassis, A. Schroeder, T. Vojta, P.J. Baker, F.L. Pratt, S.J. Blundell, T. Lancaster, I. Franke, J.S. Möller, *Revealing quantum Griffiths singularities inside the ferromagnetic phase*, APS March Meeting, New Orleans (13 Mar 2017)
- [149] A.K. Ibrahim and T. Vojta, *Rounding the First-Order Quantum Phase Transitions by Disorder in the Quantum Ashkin-Teller Model*, APS March Meeting, New Orleans (13 Mar 2017)
- [148] T. Vojta, J. Crewse and M. Puschmann, *Quantum critical behavior of the superfluid-Mott glass transition*, APS March Meeting, New Orleans (13 Mar 2017)
- [147] J. Crewse, T. Vojta and D. Arovav, *Amplitude (Higgs) Mode at a Disordered Quantum Phase Transition*, APS March Meeting, New Orleans (13 Mar 2017)
- [146] T. Vojta and J.A. Hoyos, *Infinite-noise criticality: Nonequilibrium phase transitions in fluctuating environments*, APS March Meeting, Baltimore (17 Mar 2016)
- [145] H. Barghathi and T. Vojta, *Random field disorder at an absorbing state transition in one and two dimensions*, APS March Meeting, Baltimore (17 Mar 2016)
- [144] A.K. Ibrahim and T. Vojta, *Rounding of the first-order transition in the four-color Ashkin-Teller model*, APS March Meeting, Baltimore (16 Mar 2016)
- [143] M. Puschmann, P. Cain, M. Schreiber, and T. Vojta, *Behavior of electronic states on random Voronoi-Delaunay lattices in the orthogonal and the unitary universality classes*, Spring Meeting of the German Physical Society, Regensburg (8 Mar 2016)
- [142] M. Puschmann, P. Cain, M. Schreiber, and T. Vojta, *Multifractal analysis of states in Voronoi-Delaunay lattices*, International Workshop on Quantum Correlated Matter and Chaos, Dresden (22 June 2015)
- [141] M. Puschmann, P. Cain, M. Schreiber, and T. Vojta, *Multifractal analysis of states in Voronoi-Delaunay lattices*, Spring Meeting of the German Physical Society, Berlin (15 Mar 2015)
- [140] T. Vojta, H. Barghathi, F. Hrahsheh, J.A. Hoyos and R. Narayanan, *Strong-randomness phenomena in quantum Ashkin-Teller models* APS March Meeting, San Antonio (5 Mar 2015)
- [139] R. Wang, S. Ubaid-Kassis, A. Schroeder, P.J. Baker, F.L. Pratt, S.J. Blundell, T. Lancaster, I. Franke, J.S. Möller and T. Vojta, *Evidence of magnetic clusters in the disordered ferromagnet Ni-V close to the quantum critical concentration*, APS March Meeting, San Antonio (5 Mar 2015)
- [138] Q. Zhu, X. Wan, R. Narayanan, J.A. Hoyos and T. Vojta, *Critical behavior of the disordered three-color Ashkin-Teller Model – A Monte Carlo study*, APS March Meeting, San Antonio (4 Mar 2015)
- [137] Y. Qiu, N.K. Sanders, J. Dai, J.E. Medvedeva, W. Wu, P. Ghaemi, T. Vojta and Y.S. Hor, *Symbiosis of ferromagnetism and superconductivity in topological insulators*, APS March Meeting, San Antonio (4 Mar 2015)
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