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[236] *Local quantum criticality near the Mott transition*, Quantum Materials Canada Seminar (2.2.2021)

[235] *Quantum spin liquids: From solvable models to experiments*,, Colloquium at the Racah Institute for Physics, Jerusalem (16.11.2020)

[234] *Strong correlations and quantum criticality: From spin liquids to high-temperature superconductivity*, Physics Colloquium, Universidade de Sao Carlos (18.9.2020)

[233] *Local quantum criticality near the Mott transition*, PSI Condensed Matter Summer Camp (17.8.2020)

[232] *Heisenberg-Kitaev: Models and Materials*, Condensed Matter Colloquium, University College London (27.5.2020)

[231] *Quantum spin liquids: From solvable models to experiments*, Kolloquium des Helmholtz-Zentrums Dresden-Rossendorf (9.3.2020)

[230] *Heisenberg-Kitaev physics in magnetic fields*, APS March Meeting, Denver (5.3.2020); cancelled due to COVID-19

[229] *Kondo physics, quantum phase transitions, and exotic metals*, Winter School on Gapless Fermions - from Fermi liquids to strange metals, MPI-PKS Dresden (24./25.2.2020)

[228] *Destruction of magnetic long-range order by quenched disorder: Triangular and pyrochlore antiferromagnets*, Workshop on Frustrated Magnetism, Daejeon (17.10.2019)

[227] *Cluster-glass phase in pyrochlore XY antiferromagnets with quenched disorder*, Workshop on Quantum Ferromagnetism, Dresden (9.5.2019)

[226] *Exotic Landau levels: From Majorana fermions to supersymmetry*, Workshop on Quantum Dynamics, Transport, and Exotic Order, Dresden (29.3.2019)

[225] *Fractionalized Fermi liquids and exotic superconductivity in the Kitaev Kondo lattice*, Workshop on Constrained Quantum Dynamics, Dresden (28.3.2019)

[224] *Exotic Landau levels: From Majorana fermions to supersymmetry*, Condensed Matter Seminar, Universiät zu Köln (24.1.2019)

[223] *Heisenberg-Kitaev: Models and Materials*, Condensed Matter Colloquium, Paul-Scherrer-Institut Villigen (30.11.2018)

[222] *Novel phases in bilayer Kitaev models*, Workshop on Correlated Electrons in Transition-Metal Compounds: New Challenges, Dresden (6.11.2018)

[221] *Strongly correlated electrons: From concepts to topological phases*, Fall School on Topological and Correlated Electronics, Würzburg (18.9.2018)

[220] *Fractionalized Fermi liquids and exotic superconductivity in the Kitaev Kondo lattice*, Workshop on Frustration, Orbital Fluctuations, and Topology in Kondo Lattices and their Relatives, Dresden (17.7.2018)

[219] *Quantum spin liquids: From solvable models to experiments*, Kolloquium des Zentrums für Quantendynamik, Universität Heidelberg (7.2.2018)

[218] *Quantum spin liquids: From solvable models to experiments*, Physikalisches Kolloquium, Martin-Luther-Universität Halle (7.12.2017)

[217] *Strong correlations and quantum criticality: From spin liquids to high-temperature superconductivity*, Physikalisches Kolloquium, Universität Würzburg (13.11.2017)

[216] *Heisenberg-Kitaev: Models and Materials*, Gordon-Godfrey-Workshop on Spins and Strong Electron Correlations, Sydney (1.11.2017)

[215] *Heisenberg-Kitaev physics in magnetic fields*, Korrelationstage, Dresden (11.9.2017)

[214] *Bound states of fractionalized excitations in quantum spin liquids*, Workshop on Spin Liquids and Pseudofermions, Köln (13.6.2017)

[213] *Frustrated Magnets: Theory*, 81. Frühjahrstagung der DPG, Dresden (21.3.2017)

[212] *Modelling SmB_6: Distinct topological crystalline phases, surface states, and surface reconstruction*, APS March Meeting, New Orleans (15.3.2017)

[211] *Quantum spin liquids: From solvable models to experiments*, Physikalisches Kolloquium, Universität Greifswald (12.1.2017)

[210] *Frustration and topology: Introduction*, Summer School on Correlated Magnetism, Nimbschen (19.9.2016)

[209] *Landau levels of Majorana fermions in a spin liquid*, Workshop on Electronic Correlations to Functionality, Irsee (13.9.2016)

[208] *Metallic states of weakly doped Mott insulators*, Conference on Strong Correlations and the Normal State of the High-Temperature Superconductors, Dresden (19.5.2016)

[207] *Fractionalized Fermi liquids and cuprate superconductors*, Seminar über Festkörpertheorie, Freie Universität Berlin (11.5.2016)

[206] *Landau levels of Majorana fermions in a spin liquid*, 80. Frühjahrstagung der DPG, Regensburg (7.3.2016)

[205] *Landau levels of Majorana fermions in a spin liquid*, Conference Majorana2016, Waldthausen/Mainz (24.2.2016)

[204] *Starke Korrelationen, neue Phasen und Quantenkritikalität*, Physikalisches Kolloquium, Universität Magdeburg (12.1.2016)

[203] *Strong correlations and quantum criticality: From spin liquids to high-temperature superconductivity*, Physikalisches Kolloquium, Universität Bremen (29.10.2015)

[202] *Landau levels of Majorana fermions in a spin liquid*, Korrelationstage, Dresden (1.10.2015)

[201] *Weakly doped cuprates: Fractionalized Fermi liquids?*, Conference on Materials and Mechanisms of Superconductivity (M2S-HTSC), Geneva (27.8.2015)

[200] *Spin liquids: Introduction and Kitaev model*, Summer School on Magnetism on the Nanoscale, Prague (27.7.2015)

[199] *Classical and quantum phase transitions*, Doctoral Training School in Statistical Physics, Les Houches (29.6.-3.7.2015)

[198] *Tutorial: Kitaev spin liquids*, Workshop on Novel States of Matter and Their Excitations, Berlin (16.6.2015)

[197] *Coupled-dimer magnets: Systematic expansions, quantum criticality, and disorder*, Theorie-Kolloquium, Universität zu Köln (22.5.2015)

[196] *Coupled-dimer magnets: Systematic expansions, quantum criticality, and disorder*, Condensed Matter Seminar, Czech Academy of Sciences, Prague (28.4.2015)

[195] *Theoretical Concepts of Quantum Phase Transitions*, 79. Frühjahrstagung der DPG, Berlin (17.3.2015)

[194] *Quantum Phase Transitions – Theory*, SFB/TR Focus Lecture, Universität Augsburg (23.1.2015)

[193] *Dirty magnets: Fractional moments, excitation spectra, and cluster spin glasses*, Condensed Matter Seminar, Paul-Scherrer-Institut Villigen (7.11.2014)

[192] *Magnetism in spin models for depleted honeycomb-lattice iridates: Spin-glass order towards percolation*, Workshop on Novel States of Matter and Their Excitations, Dresden (30.9.2014)

[191] *Magnetism in spin models for depleted honeycomb-lattice iridates: Spin-glass order towards percolation*, Workshop on Mott Physics Beyond the Heisenberg Model, Oxford (18.9.2014)

[190] *Non-linear bond-operator theory and 1/d expansion for coupled-dimer magnets*, Workshop on Quantum Spin Dynamics, Dresden (11.9.2014)

[189] *Theory of heavy fermions: Problem (un)solved?*, International Conference on Strongly Correlated Electron Systems (SCES 14), Grenoble (9.7.2014)

[188] *Dirty magnets: From fractional moments to cluster spin glasses*, European Conference on the Physics of Magnetism, Poznan (25.6.2014)

[187] *Quantum phase transitions in impurity models and the quantum-to-classical correspondence*, Workshop on Highly Correlated Electronic Systems and Quantum Impurities, Jerusalem (11.6.2014)

[186] *Quantum criticality and novel phases: From spin liquids to high-temperature superconductivity*, Physics Colloquium, Universiteit Utrecht (30.4.2014)

[185] *From graphene to topological insulators*, Summer School BuildMoNa on Quantum-Coherent Structures, Leipzig (1.10.2013)

[184] *Excitation spectra of dirty magnets*, Korrelationstage, Dresden (23.9.2013)

[183] *Spin-glass order in spin models for doped honeycomb-lattice iridates*, Workshop on Spin-Orbital Entanglement: Exotic States of Quantum Matter in Electronic Systems, Dresden (1.8.2013)

[182] *Disorder in the honeycomb Kitaev and Kitaev-Heisenberg models*, Workshop on New Opportunities to Study 4d and 5d Compounds, Oak Ridge (22.7.2013)

[181] *The fate of topological-insulator surface states under strong disorder*, Seminar über Theoretische Probleme der Kondensierten Materie, Dortmund (19.6.2013)

[180] *Starke Korrelationen, neue Phasen und Quantenkritikalität*, Physikalisches Kolloquium, Technische Universität Dortmund (18.6.2013)

[179] *Dirty magnets: From fractional moments to cluster spin glasses*, Seminar über Festkörperphysik, Max-Planck-Institut für Festkörperforschung Stuttgart (3.6.2013)

[178] *Narrow-band Lifshitz transitions*, Workshop on Photoemission and Electronic Structure of 4f and 5f Systems, Dresden (30.5.2013)

[177] *Dirty magnets: From fractional moments to cluster spin glasses*, Condensed Matter Seminar, ETH Zürich (23.5.2013)

[176] *Kondo effect in spin liquids*, Workshop on New States of Matter and Their Excitations, Berlin (23.4.2013)

[175] *Weakly doped cuprates: Fractionalized Fermi liquids?*, Workshop on Strongly Correlated Transition-Metal Compounds, Köln (7.3.2013)

[174] *Starke Korrelationen, neue Phasen und Quantenkritikalität*, Physikalisches Kolloquium, Universität Duisburg-Essen (9.1.2013)

[173] *Strong correlations, novel phases, and quantum criticality*, Kolloquium über Festkörperphysik, TU München (20.12.2012)

[172] *Spin liquids, non-Fermi liquids, and underdoped cuprates*, EuroMagNet Summer School, Juliusruh (Rügen) (6.10.2012)

[171] *Charge density waves, fractionalized Fermi liquids, and the cuprate pseudogap*, Conference on Materials and Mechanisms of Superconductivity (M2S-HTSC), Washington (31.7.2012)

[170] *Lifshitz transitions and non-Fermi liquid behavior in heavy-fermion metals*, International Conference on Magnetism (ICM), Busan (17.7.2012)

[169] *Stripes, fractionalized Fermi liquids, and the cuprate pseudogap*, Workshop on Strongly Correlated Electrons in High Magnetic Fields, Les Houches (24.5.2012)

[168] *Strong correlations, novel phases, and quantum criticality*, Physikalisches Kolloquium, Universität Göttingen (17.4.2012)

[167] *Vacancies in antiferromagnets: Fractional moments and singular response*, Workshop on Impurities and Textures in Unconventional Magnets, Dresden (4.4.2012)

[166] *The fate of topological-insulator surface states under strong disorder*, Workshop on Electronic Correlations and Disorder in Quantum Matter, Karlsruhe (1.4.2012)

[165] *Quantum phase transitions in impurity models and the quantum-to-classical correspondence*, International Conference on Recent Progress in Many-Body Theories (RPMBT 16), Bariloche (1.12.2011)

[164] *Spin liquids, non-Fermi liquids, and the cuprate pseudogap*, Condensed Matter Seminar, LNCMI Toulouse (28.10.2011)

[163] *Cubic interactions and quantum criticality in dimerized antiferromagnets*, International Conference on Electronic Correlations in Models and Materials, Augsburg (12.9.2011)

[162] *Quantum phase transitions in impurity models: What is needed to spoil the quantum-to-classical correspondence?*, Tokyo-Cologne Workshop on Strongly Correlated Transition-Metal Compounds, Köln (8.9.2011)

[161] *Orbital-selective Mott transitions: A new paradigm in correlation physics*, Summer School on Multiband and Multiorbital Effects in Novel Materials, Cargese (2.8.-4.8.2011)

[160] *Introduction to field theories for quantum magnets*, Workshop on Synergies between Field Theories and Exact Computational Methods in Strongly Correlated Quantum Matter, Trieste (23.7.2011)

[159] *Fractional impurity moments in non-collinear magnets*, Conference on Novel Developments in Quantum Impurity Physics, Dresden (10.6.2011)

[158] *Defect-induced spin-glass magnetism in superconducting cuprates*, Symposium on High-Temperature Superconductivity, Ringberg (18.5.2011)

[157] *Defect-induced spin-glass magnetism in superconducting cuprates*, 477. WE-Heraeus-Seminar on Unconventional Superconductivity, Bad Honnef (12.4.2011)

[156] *Hochtemperatur-Supraleitung in Kupraten: Lösung in Sicht?*, Physikalisches Kolloquium, Bergische Universität Wuppertal (11.4.2011)

[155] *Quantum critical Kondo screening in graphene*, APS March Meeting, Dallas (23.3.2011)

[154] *Quantum critical Kondo screening in graphene*, Korrelationstage, Dresden (28.2.2011)

[153] *Orbital-selective Mott phases: A new paradigm in correlation physics*, Festkörper-Kolloquium, Max-Planck-Institut für Chemische Physik fester Stoffe Dresden (10.2.2011)

[152] *Schmelzen am Temperaturnullpunkt: Quantenphasenübergänge in der Festkörperphysik*, Physikalisches Kolloquium, Technische Universität Dresden (14.12.2010)

[151] *Orbital-selective Mott phases: A new paradigm in correlation physics*, Arnold-Sommerfeld-Kolloquium, LMU München (8.12.2010)

[150] *Quantum critical Kondo screening in graphene*, Seminar über Kondensierte Materie, Universität Basel (1.12.2010)

[149] *Quantum critical Kondo screening in graphene*, 465. WE-Heraeus-Seminar über Analytische und numerische Methoden korrelierter Elektronen, Bad Honnef (29.9.2010)

[148] *Critical non-Fermi liquids in correlated metals*, 11th German-Japanese Symposium on Correlated Electron Systems, Hiroshima (14.9.2010)

[147] *Quantum critical Kondo screening in graphene*, Workshop on Principles and Design of Strongly Correlated Electronic Systems, Trieste (4.8.2010)

[146] *Nernst effect in symmetry-broken phases of cuprates*, Conference on Edge Topics in Correlated Materials, Paris (18.5.2010)

[145] *Quantum critical Kondo screening in graphene*, Condensed Matter Theory Seminar, ICTP Trieste (6.5.2010)

[144] *Quantum critical Kondo screening in graphene*, Seminar über Festkörpertheorie, RWTH Aachen (27.4.2010)

[143] *Nernst effect in symmetry-broken phases of cuprates*, Workshop on Properties of High-Temperature Superconductors, München (13.4.2010)

[142] *Orbital-selective Mott transitions: Heavy fermions and beyond*, 74. Frühjahrstagung der DPG, Regensburg (24.3.2010)

[141] *Superconductivity: Towards a solution of the high-Tc problem*, Colloquium, Centro Atomico and Instituto Balseiro Bariloche (20.11.2009)

[140] *From frustration to monopoles*, Condensed Matter Theory Seminar, Centro Atomico Bariloche (26.10.2009)

[139] *Neue Phasen und Quantenkritikalität*, Theorie-Kolloquium, Technische Universität Dresden (10.9.2009)

[138] *Starke Korrelationen, neue Phasen und Quantenkritikalität*, Theorie-Kolloquium, Universität Karlsruhe (21.7.2009)

[137] *Orbital-selective Mott transitions: Heavy fermions and beyond*, Summer Workshop on Emergent Phenomena, Cargese (7.7.2009)

[136] *Properties of valence-bond stripes in cuprates*, Workshop on Inhomogeneous Phases in Strongly Correlated Electron Systems, Paris (30.6.2009)

[135] *Properties of valence-bond stripes in cuprates*, KITP Conference on Higher-Temperature Superconductivity, Santa Barbara (24.6.2009)

[134] *Towards a solution of the high-Tc problem*, Physikalisches Kolloquium, Universität Saarbrücken (28.5.2009)

[133] *Melting at absolute zero: Quantum phase transitions in condensed matter*, Kolloquium Optik und Kondensierte Materie, Universität Bonn (12.5.2009)

[132] *Volume collapse and Fermi surface transitions in heavy fermions and iron pnictides*, Condensed Matter Seminar, University of Cambridge (7.5.2009)

[131] *Volume collapse and Fermi surface transitions in heavy fermions and iron pnictides*, Condensed Matter Seminar, Universität Fribourg (24.4.2009)

[130] *Lattice symmetry breaking in cuprate superconductors: How stripy is the pseudogap?*, Condensed Matter Seminar at ISIS, Rutherford Appleton Laboratory, Didcot (21.4.2009)

[129] *High-Tc superconductors: Fluctuating stripes and supersolids*, Seminar über Festkörpertheorie, Bergische Universität Wuppertal (15.1.2009)

[128] *Melting at absolute zero: Quantum phase transitions in condensed matter*, SFB-Kolloquium, Universität Göttingen (12.12.2008)

[127] *Almost deconfined spinons: Dual character of excitations in frustrated magnets*, Seminar über Festkörpertheorie, Max-Planck-Institut für Festkörperforschung Stuttgart (12.11.2008)

[126] *Disordered valence-bond stripes in cuprates*, Workshop on Properties of Cuprate Superconductors, Ringberg (3.11.2008)

[125] *Weakly confined spinons in frustrated magnets*, Seminar über korrelierte Elektronensysteme, Max-Planck-Institut für Physik komplexer Systeme Dresden (24.10.2008)

[124] *Schmelzen am Temperaturnullpunkt: Quantenphasenübergänge in der Festkörperphysik*, Sommerfeld-Seminar, Universität Leipzig (16.10.2008)

[123] *Dimensional reduction in frustrated quantum critical magnets*, Workshop on Ordering Phenomena in Transition Metal Oxides, Augsburg (6.10.2008)

[122] *Weakly confined spinons in frustrated magnets*, 10th German-Japanese Symposium on Correlated Electron Systems, Ringberg (28.9.2008)

[121] *Superconducting d-wave stripes in cuprates*, International Conference on Strongly Correlated Electron Systems (SCES 08), Buzios (19.8.2008)

[120] *Valence-bond supersolids in cuprates*, Conference on Frontiers of Quantum and Mesoscopic Thermodynamics (FQMT 08), Prag (1.8.2008)

[119] *High-Tc superconductors: Fluctuating stripes and supersolids*, Condensed Matter Theory Seminar, University of Oxford (16.5.2008)

[118] *Melting at absolute zero: Quantum phase transitions in condensed matter*, Theorie-Kolloquium, Universität Mainz (8.5.2008)

[117] *Superconducting d-wave stripes in cuprates: Weakly pinned valence bond solids*, 72. Frühjahrstagung der DPG, Berlin (28.2.2008)

[116] *Melting at absolute zero: Quantum phase transitions in condensed matter*, 19. Edgar-Lüscher-Seminar, Klosters (17.2.2008)

[115] *Melting at absolute zero: Quantum phase transitions in condensed matter*, Kolloquium über Festkörperphysik, TU München (7.2.2008)

[114] *Melting at absolute zero: Quantum phase transitions in condensed matter*, Physikalisches Kolloquium, Universität Regensburg (4.2.2008)

[113] *d-wave stripes in cuprates*, Workshop on Properties of High-Temperature Superconductors, München (17.12.2007)

[112] *Strong correlations, novel phases, and quantum criticality*, Workshop on Theoretical Condensed Matter Physics, IFW Dresden (15.12.2007)

[111] *Melting at absolute zero: Quantum phase transitions in condensed matter*, Physikalisches Kolloquium, Universität Bielefeld (10.12.2007)

[110] *Schmelzen am Temperaturnullpunkt: Quantenphasenübergänge in der Festkörperphysik*, Physikalisches Kolloquium, Universität zu Köln (4.12.2007)

[109] *Schmelzen am Temperaturnullpunkt: Quantenphasenübergänge in der Festkörperphysik*, Physikalisches Kolloquium, Universität Frankfurt (21.11.2007)

[108] *Quantum phase transitions and dimensional reduction in antiferromagnets with inter-layer frustration*, Workshop on Quantum Matter, Köln (10.10.2007)

[107] *Heavy Fermi liquids with hybridization nodes: Arranging competition in momentum space*, Conference on New Trends in Quantum Impurity Physics, Dresden (24.8.2007)

[106] *Strong inhomogeneities and non-Fermi liquids in randomly depleted Kondo lattices*, Seminar über Festkörpertheorie, RWTH Aachen (5.6.2007)

[105] *Dimensional reduction and quantum criticality in frustrated antiferromagnets*, Theorie-Kolloquium, Universität Bonn (16.4.2007)

[104] *Strong inhomogeneities and non-Fermi liquids in randomly depleted Kondo lattices*, Workshop on Novel Concepts in Disordered and Interacting Quantum Systems, Hangzhou (12.3.2007)

[103] *On dimensional reduction in frustrated critical antiferromagnets*, Workshop on Mobile Bosons and Fermions on Frustrated Lattices, Dresden (11.1.2007)

[102] *Fluctuating stripes in cuprate superconductors*, Seminar über Festkörperphysik, IFW Dresden (10.1.2007)

[101] *Quantum phase transitions in correlated metals*, Condensed Matter Seminar, Universita di Catania (2.10.2006)

[100] *Strong inhomogeneities and non-Fermi liquids in randomly depleted Kondo lattices*, Workshop on Novel States of Quantum Matter, Trieste (24.8.2006)

[99] *Strong inhomogeneities and non-Fermi liquids in randomly depleted Kondo lattices*, Workshop on Advanced Quantum Materials, Seoul (20.7.2006)

[98] *Universal spin excitations from fluctuating stripes in cuprates*, Conference on Materials and Mechanisms of Superconductivity (M2S-HTSC), Dresden (11.7.2006)

[97] *Quantum phase transitions in correlated electron systems*, Theorie-Kolloquium, LMU München (17.5.2006)

[96] *Fluctuating stripes in cuprate superconductors*, Conference on Condensed Matter and Materials Physics (CMMP) 2006, Exeter (20.4.2006)

[95] *Fluctuating stripes in cuprate superconductors*, Workshop on Novel Materials and Superconductors, Planneralm (13.2.2006)

[94] *Strong correlations and quantum criticality*, Workshop on Novel Materials and Superconductors, Planneralm (12.2.2006)

[93] *Impurity quantum phase transitions: Theories and applications*, Seminar über Festkörpertheorie, Universität Hannover (12.12.2005)

[92] *Spin excitations in fluctuating stripe phases*, SFB-Seminar, Universität Augsburg (29.11.2005)

[91] *Quantum phase transitions in condensed matter*, Seminar über korrelierte Elektronensysteme, Max-Planck-Institut für Physik komplexer Systeme Dresden (10.11.2005)

[90] *Spin excitations in fluctuating stripe phases*, Workshop on High-Temperature Superconductors, Ringberg (8.11.2005)

[89] *Quantum criticality and exotic phases in condensed matter*, Workshop on the Theory of Quantum Gases and Quantum Coherence, Cortona (30.10.2005)

[88] *Quantum phase transitions in correlated electron systems*, Kolloquium über Festkörperphysik, TU München (20.10.2005)

[87] *The Kondo effect in spin liquids*, KITP Miniprogram on Complexity in Transition Metal Oxides, Santa Barbara (27.7.2005)

[86] *Quantum phase transitions in condensed matter*, Physikalisches Kolloquium, Freie Universität Berlin (24.6.2005)

[85] *Introduction to quantum phase transitions*, Helmholtz Workshop on Quantum Phase Transitions, Universität/Forschungszentrum Karlsruhe (13.6.2005)

[84] *Quantum phase transitions in condensed matter*, SFB-Kolloquium, Universität Köln (8.6.2005)

[83] *Quantum phase transitions in condensed matter*, Theorie-Kolloquium, TU Kaiserslautern (31.5.2005)

[82] *Quantum phase transitions in condensed matter*, Physikalisches Kolloquium, Universität Frankfurt (11.5.2005)

[81] *Fluctuating orders in doped Mott insulators*, Workshop on Collective Quantum States in Low-Dimensional Transition Metal Oxides, Dresden (22.2.2005)

[80] *Quantenphasenübergänge in der Festkörperphysik*, Theorie-Kolloquium, Universität Bayreuth (15.2.2005)

[79] *Impurity quantum phase transitions*, Theorie-Kolloquium, Universität Köln (4.2.2005)

[78] *Quantum criticality in heavy-fermion metals*, Seminar über Festkörpertheorie, Universität Bremen (3.2.2005)

[77] *Fluctuating orders and quantum phase transitions in correlated metals*, Seminar über Festkörpertheorie, TU Braunschweig (28.1.2005)

[76] *Quantenphasenübergänge in der Festkörperphysik*, Physikalisches Kolloquium, Universität Würzburg (24.1.2005)

[75] *Quantum phase transitions*, Vorlesungen im Rahmen einer Gastprofessur, Universität Innsbruck (22.11.–1.12.2004)

[74] *Bond charge order in doped Mott insulators*, Workshop on Ordering Phenomena in Cuprate Superconductors, München (5.11.2004)

[73] *Fluctuating orders and quantum phase transitions in doped Mott insulators*, Gordon Research Conference on Superconductivity, Oxford (20.9.2004)

[72] *Quantum phase transitions*, Summer School on Correlated Electrons, Debrecen (8.9.2004)

[71] *Quantum criticality in heavy-electron metals*, Kolloquium über Festkörperphysik, Max-Planck-Institut für Chemische Physik fester Stoffe Dresden (19.8.2004)

[70] *Quantum phase transitions: Theory*, PSI Summer School on Condensed Matter Physics, Zuoz (13.8.2004)

[69] *Bond order and spin excitations in cuprates*, 8th German-Japanese Symposium on Correlated Electron Systems, Freudenstadt (2.8.2004)

[68] *Phase transitions and critical dimensions in quantum impurity models*, Workshop on Novel States and Phase Transitions in Highly Correlated Matter, Trieste (12.7.2004)

[67] *Quantum phase transitions in condensed matter physics*, Theorie-Kolloquium, Freie Universität Berlin (5.7.2004)

[66] *Phase transitions and critical dimensions in quantum impurity models*, Seminar über Festkörpertheorie, Ruhr-Universität Bochum (29.6.2004)

[65] *Quantum phase transitions in condensed matter physics*, Seminar über Festkörpertheorie, Universität Heidelberg (24.6.2004)

[64] *Phase transitions and critical dimensions in quantum impurity models*, KITP Workshop on Exotic Order and Criticality in Quantum Matter, Santa Barbara (13.4.2004)

[63] *Quantum criticality in magnetic metals*, 15. Edgar-Lüscher-Seminar, Bad Serneus (19.2.2004)

[62] *Impurity quantum phase transitions: Theories and applications*, Seminar über Festkörpertheorie, Universität Marburg (12.1.2004)

[61] *Competing orders and quantum phase transitions in the cuprates*, SFB-Kolloquium, Universität Köln (7.1.2004)

[60] *Impurity quantum phase transitions: Theories and applications*, Condensed Matter Seminar, Universität Genf (28.11.2003)

[59] *Quantum phase transitions and non-Fermi liquids in heavy-electron materials*, Atelier Physique Theoretique, Grenoble (13.11.2003)

[58] *Phase diagram and dynamics of the sub-ohmic spin-boson model*, International Conference on Functional Nanostructures, Karlsruhe (1.10.2003)

[57] *Quantum phase transitions in solid state physics*, Invited Lectures at the Oak Ridge National Laboratory NSET workshop, Fall Creek Falls (22.9.–24.9.2003)

[56] *Impurity quantum phase transitions: Theories and applications*, Condensed Matter Theory Seminar, Yale University (18.9.2003)

[55] *Impurity quantum phase transitions: Theories and applications*, Condensed Matter Theory Seminar, Harvard University (16.9.2003)

[54] *Competing orders and quantum phase transitions in cuprate superconductors*, Condensed Matter Seminar, Seoul National University (11.8.2003)

[53] *Quantum impurities in cuprate superconductors*, Condensed Matter Seminar, Sung Kyun Kwan University (11.8.2003)

[52] *Quantum phase transitions in solid state physics*, Lecture Series at the Asia-Pacific Center for Theoretical Physics, Pohang (5.8.–9.8.2003)

[51] *Fractionalized Fermi liquids*, Workshop on Quantum Phase Transitions, Dresden (11.7.2003)

[50] *Competing orders and quantum phase transitions in correlated electron systems*, Seminar über Festkörperphysik, Forschungszentrum Karlsruhe (3.7.2003)

[49] *Quantum phase transitions in solid state physics*, Seminar über Theoretische Physik, Universität Göttingen (23.6.2003)

[48] *Fractionalized Fermi liquids*, Workshop on Fermi Liquid Instabilities in Correlated Metals, Dresden (12.6.2003)

[47] *Competing orders and quantum phase transitions in cuprate superconductors*, Seminar über Festkörpertheorie, LMU München (8.5.2003)

[46] *Fractionalized Fermi liquids*, Seminar über Festkörpertheorie, ETH Zürich (15.4.2003)

[45] *Quantum phase transitions in solid state physics*, Seminar über Festkörpertheorie, Universität Regensburg (10.4.2003)

[44] *Quantum impurities in cuprate superconductors*, Workshop on Modern Aspects of Quantum Impurity Physics, Dresden (7.4.2003)

[43] *Quantum phase transitions in solid state physics*, Condensed Matter Seminar, Universität Strasbourg (4.4.2003)

[42] *Competing orders and quantum phase transitions in cuprate superconductors*, Condensed Matter Seminar, University of Sherbrooke (12.3.2003)

[41] *Impurity quantum phase transitions: Kondo effect, tunneling, and transport*, Condensed Matter Seminar, Duke University (10.3.2003)

[40] *Spin and charge order in superconducing cuprates*, APS March Meeting, Austin (4.3.2003)

[39] *Competing orders in cuprate superconductors*, Condensed Matter Theory Seminar, Universität Fribourg (31.1.2003)

[38] *Magnetism, collective modes, and STM spectra in cuprates*, Gordon Research Conference on Superconductivity, Ventura (15.1.2003)

[37] *Competing orders and quantum phase transitions in the cuprates*, Seminar zur Festkörperphysik, Walter-Meissner-Institut Garching (13.12.2002)

[36] *Quantum phase transitions in antiferromagnets and superconductors*, Physics Colloquium, University of Missouri-Rolla (31.10.2002)

[35] *Impurity moments in cuprate superconductors*, 287. WE-Heraeus-Seminar on Quantum Transport through Nano-Wires, Point Contacts, and near Interfaces, Bad Honnef (22.10.2002)

[34] *Competing orders and quantum phase transitions in the cuprates*, Condensed Matter Theory Seminar, Universiteit Utrecht (17.10.2002)

[33] *Spin and charge order in cuprate superconductors*, Nato Advanced Research Workshop on Concepts in Electron Correlations, Hvar (30.9.2002)

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[30] *Quantum phase transition in solid state physics*, Theorie-Seminar, Universität Stuttgart (9.7.2002)

[29] *Quantum phase transitions in antiferromagnets and superconductors*, Theorie-Kolloquium, Universität Saarbrücken (25.6.2002)

[28] *Quantenphasenübergänge in Antiferromagneten und Supraleitern*, Seminar über Festkörpertheorie, RWTH Aachen (20.6.2002)

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[26] *Quantenphasenübergänge in Antiferromagneten und Supraleitern*, Seminar über Festkörpertheorie, Universität Hamburg (3.5.2002)

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[23] *Impurities and quantum magnetism in high-Tc superconductors*, Seminar über Festkörpertheorie, LMU München (29.11.2001)

[22] *Impurities and quantum magnetism in the cuprates*, Seminar zur Theorie der kondensierten Materie, RWTH Aachen (27.11.2001)

[21] *Competing orders and quantum phase transitions in d-wave superconductors*, Theoretisch-Physikalisches Seminar, Universität Hannover (16.11.2001)

[20] *Defects and local excitations in cuprates*, Workshop on Strongly Correlated Electron Systems, Leiden (7.11.2001)

[19] *Defects in cuprates - Magnetism and spectral properties*, Workshop on Excitations in Unconventionally Ordered Metals, Santa Fe (26.10.2001)

[18] *Impurity magnetism in correlated metals and superconductors*, Workshop on Defects in Correlated Electron Systems, Dresden (22.7.2001)

[17] *Impurities in nearly critical magnets and superconductors*, International Conference on Magnetic Correlations, Superconductivity, and Novel Materials, Dresden (19.7.2001)

[16] *Quantum phase transitions in d-wave superconductors*, Seminar über Festkörpertheorie, Universität Heidelberg (21.6.2001)

[15] *Störstellen und Magnetismus in den Kupraten*, Seminar über Festkörpertheorie, TU Braunschweig (17.5.2001)

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[13] *Impurities in d-wave superconductors: Kondo spin dynamics and tunneling spectra*, APS March Meeting, Seattle (15.3.2001)

[12] *Impurities and quantum magnetism in high-Tc superconductors*, Lorentz-Seminar, Universität Leiden (1.3.2001)

[11] *Impurities and quantum magnetism in high-Tc superconductors*, Seminar über Festkörperphysik, TU Chemnitz (6.12.2000)

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[5] *Stripe charge order and superconductivity in doped antiferromagnets*, Condensed Matter Theory Seminar, Brown University, Providence (10.2.2000)

[4] *Ladungsordnung und Supraleitung in dotierten Antiferromagneten*, Seminar zur Theorie der Kondensierten Materie, Universität Augsburg (15.12.1999)

[3] *Ladungsordnung in dotierten Antiferromagneten*, Seminar über Festkörperphysik, TU Dresden (15.6.1999)

[2] *Magnetic properties of weakly doped high-temperature superconductors*, Seminar über Festkörperphysik, TU Chemnitz (2.4.1998)

[1] *Dynamical charge correlations in weakly doped antiferromagnets*, Seminar über korrelierte Elektronensysteme, Max-Planck-Institut für Physik komplexer Systeme Dresden (26.2.1997)

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[251] S. Dey, J. Maciejka und M. Vojta, *A Schwinger boson theory of the 1/3 magnetization plateau on the triangular lattice*, SKM-Frühjahrstagung der DPG, Dresden (2023)

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[248] Z. Liu M. Vojta, F. F. Assaad und L. Janssen, *Metallic and deconfined quantum criticality in Dirac system*, SKM-Herbsttagung der DPG, Regensburg (2022)

[247] B. Danu, M. Vojta, T. Grover und F. F. Assaad, *Spin chain on a metallic surface: Dissipation-induced order vs. Kondo entanglement*, SKM-Herbsttagung der DPG, Regensburg (2022)

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[245] M. Vojta and L. Janssen, *Modelling* α*-RuCl*$_3$, Focus Workshop on Thermal Transport and Microscopic Descriptions of α-$RuCl_3$, Dresden (2021)

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[212] D. G. Joshi und M. Vojta, *$1/d$ expansion for the transverse-field Ising model*, 80. Frühjahrstagung der DPG, Regensburg (2016)

[211] E. Wolf, E. C. Andrade und M. Vojta, *Slow holes in triangular-lattice antiferromagnets: Spin textures and quasiparticle destruction*, 80. Frühjahrstagung der DPG, Regensburg (2016)

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[207] M. Vojta, *Tutorial: Kitaev spin liquids*, Workshop on Novel States of Matter and Their Excitations, Berlin (2015)

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[205] P. P. Baruselli und M. Vojta, *Scanning tunneling spectroscopy and surface quasiparticle interference in models for the topological Kondo insulator SmB_6*, 79. Frühjahrstagung der DPG, Berlin (2015)

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[203] M. Vojta und E. C. Andrade, *Magnetism in spin models for depleted honeycomb-lattice iridates: Spin-glass order towards percolation*, Workshop on Novel States of Matter and Their Excitations, Dresden (2014)

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[200] M. Vojta, *Theory of heavy fermions: Problem (un)solved?*, International Conference on Strongly Correlated Electron Systems (SCES 14), Grenoble (2014)

[199] M. Vojta, *Dirty magnets: From fractional moments to cluster spin glasses*, European Conference on the Physics of Magnetism, Poznan (2014)

[198] M. Vojta, *Quantum phase transitions in impurity models and the quantum-to-classical correspondence*, Workshop on Highly Correlated Electronic Systems and Quantum Impurities, Jerusalem (2014)

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[190] M. Vojta und E. Andrade, *Disorder in the honeycomb Kitaev and Kitaev-Heisenberg models*, Workshop on New Opportunities to Study 4d and 5d Compounds, Oak Ridge (2013)

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[181] M. Vojta, *Lifshitz transitions and non-Fermi liquid behavior in heavy-fermion metals*, International Conference on Magnetism (ICM), Busan (2012)

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