

Correlations in Novel Quantum Materials 2022 (CNQM2022)

Monday, 20 June 2022

Poster Session: Poster Ads - 2D5 (16:45 - 17:30)

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time	[id] title	presenter
17:30	[35] Zero-field superconducting diode effect in twisted trilayer graphene	SCHEURER, Mathias
17:30	[26] Heavy-fermion quantum criticality via two-stage screening	GLEIS, Andreas
17:30	[17] Investigations of Instanton Crystal Phase	Dr STARKOV, Grigorii
17:30	[23] SU(2)-symmetric spin-boson model: Quantum criticality, fixed-point annihilation, and duality	WEBER, Manuel
17:30	[36] Disorder-robust phase crystal in high-temperature superconductors from topology and strong correlations	CHAKRABORTY, Debmalya
17:30	[66] Accuracy of moiré Wannier function models for twist bilayer graphene	Dr DATTA, Anushree
17:30	[65] Optical conductivity and Force-Force correlation function in the Hubbard model	GRANDADAM, Maxence
17:30	[43] The generalized DMFT susceptibility from linear response	THUNSTRÖM, Patrik
17:30	[42] Many body wavefunctions of hole-doped nickelate and cuprate superconductors	KATUKURI, Vamshi
17:30	[62] Magnetism and Mottness in the unfrustrated triangular lattice Hubbard model: a cellular dynamical mean-field study	KLETT, Marcel
17:30	[56] Pushing the envelope: sparse modelling of two-particle diagrammatics	WALLERBERGER, Markus
17:30	[47] Quantum criticality on a compressible lattice	Dr SARKAR, Saheli
17:30	[40] SU(N)xSU(M) symmetries realised by AB stacked twisted multilayer TMDs: A fRG study	BRAUN, Hannes
17:30	[44] Single boson exchange implementation of the multiloop functional renormalization group for the 2D Hubbard model	HEINZELMANN, Sarah
17:30	[39] Bogoliubov Fermi surfaces stabilized by spin-orbit coupling	MENKE, Henri
17:30	[38] The role of non-local correlations in the triangular lattice Hubbard model	DE OLIVEIRA, Mário Malcolms
17:30	[37] Modelling viscous hydrodynamic electron flow in graphene with a two fluid model	AFROSE, Ramal
17:30	[33] Quantum metric, resistivity bound, and flat bands - Electrical conductivity in multiband systems	MITSCHERLING, Johannes
17:30	[32] Multiloop pseudofermion functional renormalization for quantum spin systems: Application to the spin-1/2 kagome Heisenberg model	RITTER, Marc
17:30	[31] Topology in magnetic phases of SmB ₆	HIRSCHMANN, Moritz M.
17:30	[21] Curved FLRW universes in Bose-Einstein condensates	TOLOSA-SIMEÓN, Mireia
17:30	[34] Spins, pseudo-Majoranas and the functional RG	SBIERSKI, Björn

17:30	[25] Superconducting collective Leggett modes in single-layer 1H-NbSe ₂	MUÑOZ-SEGOVIA, Daniel
17:30	[19] Quantifying Entanglement in Heisenberg Spin Chains	MIRSADEGH, Pouria
17:30	[60] Renormalization-group theory of localization for 1D quasiperiodic lattice models	GONÇALVES, Miguel
17:30	[28] SU(4) symmetry in Dirac materials - Application to twisted bilayer graphene	Dr CLASSEN, Laura PARTHENIOS, Nikolaos
17:30	[27] Spin stiffness, spectral weight, and Landau damping of magnons in metallic spiral magnets	BONETTI, Pietro Maria
17:30	[15] How to get U? On the applicability of the constrained Random Phase Approximation	VAN LOON, Erik
17:30	[4] Spinon induced drag in quantum spin liquid heterostructures	MAZZILLI, Raffaele
17:30	[69] The Mott metal-insulator transition in the two-dimensional Hubbard model - a cellular dynamical mean-field study on large clusters	MEIXNER, Michael
17:30	[14] Antiferromagnetic and pairing critical temperatures in the 2D Hubbard model	VILARDI, Demetrio
17:30	[41] Multiloop fRG Analysis of the Attractive Hubbard Model	AL-ERYANI, Aiman
17:30	[12] Fulfillment of sum rules and Ward identities in the multiloop functional renormalization group solution of the Anderson impurity model	CHALUPA-GANTNER, Patrick
17:30	[30] Groundstate Phase Diagrams of Variants of the Two-Leg J Ladder at Low Fillings	BOLLMANN, Steffen
17:30	[11] Single-boson exchange fRG application to the two-dimensional Hubbard model at weak coupling	Dr FRABOULET, Kilian
17:30	[24] A stabilisation mechanism for many body localisation in 2D	FOO, Darryl
17:30	[45] Emergent bands induced by plasmon excitations in cuprate superconductors	Prof. GRECO, Andr'es