

Name	Affiliation	Title
Severino Adler	University of Wuerzburg	The Demagnetising Effect of Atomic Spin-Orbit Coupling on a DFT + DMFT Study of LiOsO <sub>3</sub>
Laura Baez	Max Planck Institute for the Physics of Complex Systems	Dynamical structure factors of dynamical quantum simulators
Thomas Barthel	Duke University	1) Low-energy physics in the critical phase of the bilinear-biquadratic spin-1 chain. 2) Eigenstate entanglement: Scaling functions for the crossover from the ground state to volume laws
Corentin Bertrand	Flatiron Institute	Reconstructing Nonequilibrium Regimes of Quantum Many-Body Systems from the Analytical Structure of Perturbative Expansions
Turan Birol	University of Minnesota	Origin of trimerized phase in S=1 Kagome magnet Na <sub>2</sub> Ti <sub>3</sub> Cl <sub>8</sub>
Peter Cha	Cornell University	Linear resistivity and Sachdev-Ye-Kitaev (SYK) spin liquid behaviour in a quantum critical metal with spin-1/2 fermions
Hitesh Changlani	Florida State University	Dynamical structure factor of the three-dimensional quantum spin liquid candidate NaCaNi <sub>2</sub> F <sub>7</sub>
Liviu Chioncel	University of Augsburg	Correlated electronic structure with uncorrelated disorder
Ze-Pei Cian	University of Maryland, College Park	Photon Pair Condensation by Engineered Dissipation
Zhihao Cui	CalTech	Density Matrix Embedding Theory: From Lattice Models to Realistic Solids
Philipp Dumitrescu	Flatiron Institute	Quantum Quasi-Monte Carlo
Philipp Eck	University of Wuerzburg	Momentum space signature of Berry curvature monopoles in a Weyl semimetal
Claude Ederer	ETH Zürich	Metal-insulator transitions in complex oxide thin films and heterostructures from DFT+DMFT
Rudi Hackl	Bavarian Academy of Sciences and Humanities	Open spectroscopic problems in quantum materials
Frank Lechermann	University of Hamburg	Unconventional Hund Metal in a Weak Itinerant Ferromagnet
Kyungmin Lee	National High Magnetic Field Lab	Exact three-colored quantum scars from geometric frustration
Seung-Sup Lee	Ludwig Maximilian University of Munich	Numerical renormalization group method for computing local four-point correlation functions
Peizhi Mai	Oak Ridge National Lab	Pairing correlations in the cuprates: a numerical study of the three-band Hubbard model
Johannes Mitscherlich	Max Planck Institute for Solid State Research	Spiral magnetic order in high-T <sub>c</sub> cuprates - a ground state candidate at high magnetic fields
Arpita Paul	University of Minnesota	Cation ordering induced metal to insulator transition in double perovskite Sr <sub>2</sub> VNbO <sub>6</sub>
Khandker Quader	Kent State University	1) e-DMFT Study of Filled Skutterudite CeGe <sub>4</sub> Pt <sub>12</sub> – K. Quader <sup>1</sup> , L. Pascut <sup>2</sup> , K. Haule <sup>3</sup> , M. Widom <sup>4</sup> 2) Exploring Properties of Nickelate LaNiO <sub>2</sub> using e-DMFT method – K. Quader <sup>1</sup> , L. Pascut <sup>2</sup> , K. Haule <sup>3</sup>
Vito Scarola	Virginia Tech	Modelling Ultracold Atoms in Strongly Correlated Regimes
Thomas Schaefer	Collège de France	Putting Modern Many-Body Computations to the Test: a Multi-Messenger, Multi-Method Study of the Half-Filled Two-Dimensional Hubbard Model at Weak Coupling
Michael Schmid	University of Stuttgart	Interplay of lattice structure and electronic correlations in Ca <sub>2</sub> RuO <sub>4</sub>
Lucas Wagner	University of Illinois at Urbana-Champaign	From first principles to the lattice and beyond
Alexander Wietek	Flatiron Institute	Finite-temperature tensor network simulations of the two-dimensional Hubbard model

Paul Worm

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Diagrammatic analysis of optical excitations in strongly correlated systems:  
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