

MPI PKS Dresden

Scientific Organizers: F. Heidrich-Meisner (GOE), R. Moessner (PKS), F. Pollmann (TUM)

Dec. 5/6, 2024, Room: tba

Program

Thursday, 12/05	
2:30pm	Welcome and short round of introductions
2:45pm	Bernhard Jobst, TUM: Visualizing Dynamics of Charges and Strings in (2+1)D Lattice Gauge Theorie
3:20pm	Niloptal Chakraborty, MPI PKS: <i>Tunable fractional diffusion from frustration in two dimensions</i>
3:55pm	<i>Kadir Ceven & Lukas Peinemann, Göttingen:</i> <i>Thouless time in spin-1/2 XX ladders</i> <i>Delocalization-Localization Crossover in XX ladders</i>
4:30pm	Coffee Break
5pm	Fabian Heidrich-Meisner, Göttingen: <i>Dynamics of Doublons in spin-dependent disorder & State-dependent imbalance decay in Bose-Hubbard model with patterned disorder</i>
5:35pm	Individual discussions
7pm	Dinner (Location tba, selfpay)
Friday, 12/06	
9:00am	Heiko Menzler, Göttingen: Slow Dynamics in the Quantum East model
9:35am	Yahui Li, TUM: <i>Highly-entangled stationary states from strong symmetries</i>
10:10am	<i>Coffee Break</i>
10:45am	Rafael Flores Calderon, MPI PKS: <i>Irrational Moments and Signatures of Higher-Rank Gauge Theories in Diluted Classical Spin Liquids</i>
11:20am	Individual discussions
12:30pm	End and departure

All talks: 20mins + 15 mins discussion