

2024年理论物理前沿与交叉科学研讨会（第二届彭桓武科教合作中心联席会议）

Saturday 27 April 2024

凝聚态物理、统计物理、量子信息 (13:30-15:00)

time	[id] title	presenter
13:30	[45] 密度泛函理论应用于铜氧化物：老问题、新机遇	玉波 张
13:45	[85] 复杂量子多体系统的量子模拟	健 崔
14:00	[87] 量子多体系统的图案语言	彤 杨
14:15	[61] Some Advances in Topological Nonlinear Transport	振刚 朱
14:30	[84] 探秘非平衡流体动力学：DBM方法	爱国 许
14:45	[72] Emergence of polarization in coevolving networks	家臻 刘

凝聚态物理、统计物理、量子信息 (15:30-16:45)

time	[id] title	presenter
15:30	[98] The application of nonlinear dynamics in biological systems	玉 刘
15:45	[58] Cone holography with Neumann boundary conditions	正权 崔
16:00	[123] 几何阻错下的结构和拓扑缺陷	晓 李
16:15	[40] Current Fluctuations in 1D Diffusion-Reaction Systems via Tensor Networks	加银 顾
16:30	[76] Probing circular Unruh effect with spontaneous excitation and entanglement	佳伟 胡

Sunday 28 April 2024

凝聚态物理、统计物理、量子信息 (13:30-15:00)

time	[id] title	presenter
13:30	[63] Trion states of attractive SU(3) ultracold fermions in optical lattices	宇 王
13:45	[74] Observation of Ballistic Thermal Transport in a Nonintegrable Classical Many-Body System	大兴 熊
14:00	[57] The unification of electrical and thermal spin transfer torque	正川 王
14:15	[46] Topology meets quantum criticality	雪佳 余
14:30	[71] 弹性各向异性粒子系统的取向-位置耦合效应	春华 曾
14:45	[88] Persistent ballistic entanglement spreading with optimal control in quantum spin chains	仕举 冉

凝聚态物理、统计物理、量子信息 (15:30-16:45)

time	[id] title	presenter
15:30	[95] Noise in Quantum Systems and Quantum Computation	东 刘
15:45	[97] Non-monotonic switching modes of pattern formation induced by fluctuation with Brazovskii model	帅文 卫
16:00	[56] 活性系统中的分子混沌	辛亮 徐
16:15	[73] Probing Lorentz-invariance-violation-induced nonthermal Unruh effect in quasi-two- dimensional dipolar condensates	泽华 田
16:30	[86] 统计与凝聚态理论	凯源 曹