

Noisy Many-body Systems

Workshop, 5 – 7 March 2012, ITP Heidelberg
(Philosophenweg 19)



5/3/2012	
morning	<i>lab visits (Weidemüller group)</i>
13:45 – 14:00	Welcome
14:00 – 14:45	Shmuel Fishman (Haifa): <i>Transport in potentials random in space and time: From Anderson localization to super-ballistic motion</i>
14:45 – 15:30	Giovanni Modugno (Florence): <i>Ultracold bosons with disorder, interactions and noise</i>
15:30 – 16:00	<i>coffee break</i>
16:00 – 16:45	Mark Sadgrove (Tokyo)
16:45 – 17:30	Riccardo Mannella (Pisa)
6/3/2012	
09:15 – 09:45	Stephan Burkhardt (ITP): <i>Noise driven Landau-Zener tunneling</i>
09:45 – 10:30	Giovanna Morigi (Saarbrücken)
10:30 – 11:00	<i>coffee break</i>
11:00 – 11:45	Peter Schlagheck (Liege): <i>Mesoscopic transport with ultracold atoms</i>
11:45 – 12:30	Matthias Weidemüller (PI)
12:30	<i>lunch and lab visits</i>
14:30 – 15:15	Herwig Ott (Kaiserslautern): <i>Dissipative defects in ultracold quantum gases</i>
15:15 – 15:45	Georgios Kordas (ITP): <i>Many-body dynamics in a dissipative lattice</i>
15:45 – 16:15	<i>coffee break</i>
16:15 – 17:00	Greg Scholes (Toronto/Freiburg): <i>Quantum effects and disorder in photosynthetic light harvesting</i>
17:00 – 17:45	Andreas Buchleitner (Freiburg)
7/3/2012	
09:15 – 10:00	Bassano Vacchini (Milan): <i>Markovian versus non-Markovian dynamics in classical and quantum systems</i>
10:00 – 10:30	W. De Roeck (ITP): <i>Some remarks on quantum markov approximations</i>
10:30 – 11:00	<i>coffee break</i>
11:00 – 11:45	James Anglin (Kaiserslautern)
11:45 – 12:30	Andreas Komnik (ITP): <i>Noise and higher order correlations in transport properties of nanoscale conductors</i>
12:30	Workshop summary
14:00 – 17:00	<i>discussions/lab visits at Campus (KIP - Oberthaler group) or MPIK</i>
17:00 – 18:30	<i>guided city tour (meeting point: Bismarck-Platz/elevator Kaufhof)</i>