

Workshop venue: Old Combination Room (OCR), Trinity College, Cambridge.

WEDNESDAY SCHEDULE:

[8:15-9:15 breakfast]

9:25-9:30 welcome (C.Castelnovo)

chair: J.Bhaseen (KCL)

9:30-10:30 **E.Martinez** (Innsbruck): *Simulating quantum dynamics with ion traps*
10:30-11:00 discussion

11:00-11:30 **coffee break** in the Allhusen room, next door to workshop venue (OCR)

11:30-11:50 **D.Kovrizhin** (Oxford): *Quantum Hall edge states out of equilibrium*
11:50-12:10 **B.Doucot** (Paris): *Majorana Detection*
12:10-12:30 discussion

12:30-14:00 **lunch** cafeteria-style buffet in Hall, downstairs from workshop venue (OCR)

chair: A.Lazarides (MPIPKS)

14:00-15:00 **M.Schechter** (Ben-Gurion): *Tunneling and coherence in two-level systems*
15:00-15:30 discussion

15:30-16:00 **coffee break** in the Allhusen room, next door to workshop venue (OCR)

16:00-16:20 **A.Nunnenkamp** (Cambridge): *Synchronization in the Quantum Regime*
16:20-16:40 **N.Cooper** (Cambridge): *Two-Level Systems Coupled by Dipole Interactions*
16:40-17:30 discussion

17:30-18:15 free breakup discussion

18:15-19:15 **workshop dinner** cafeteria-style buffet in Hall, downstairs from workshop venue (OCR)

THURSDAY SCHEDULE:

[8:15-9:15 breakfast]

chair: A.Nunnenkamp (Cambridge)

9:15-9:45 **A.Lazarides** (MPIPKS): *Floquet-Lindblad Many-Body Systems*

9:45-10:45 **L.Pryadko** (UC Riverside): *Decoherence effects in many-body systems*

10:45-11:00 discussion

11:00-11:30 **coffee break** in the Allhusen room, next door to workshop venue (OCR)

11:30-11:50 **A.Nazir** (Manchester): *Quantum dynamics and thermodynamics at strong reservoir coupling*

11:50-12:30 discussion

12:30-14:00 **lunch** cafeteria-style buffet in Hall, downstairs from workshop venue (OCR)

chair: S.Parameswaran (Oxford)

14:00-15:00 **A.Nahum** (Oxford): *Universal dynamics of entanglement and operators*

15:00-15:30 discussion

15:30-16:00 **coffee break** in the Allhusen room, next door to workshop venue (OCR)

16:00-16:20 **A.Green** (UCL): *The Lyapunov Spectrum of a Thermalising Quantum System*

16:20-16:40 **V.Oganesyan** (CUNY): *Magnetic noise spectroscopy*

16:40-17:00 discussion

17:00-17:30 **S.Parameswaran** (Oxford): *discussion and closing remarks*

[17:30 the end]