

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

## TUESDAY SCHEDULE:

[8:15-9:15 breakfast]

chair: **D.Logan** (Oxford)

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

chair:

9:30-10:30 **J.Moore** (UC Berkeley): *Random Matrices, Chaos, and Entanglement in Many Body Localised Systems*

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 **C.Laumann** (Washington): *MBL beyond  $d=1$*

11:50-12:10 **D.Luitz** (UIUC): *Matrix element distribution in ergodic, subdiffusive and mbl phases*

12:10-12:30 discussion

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

chair: **J.Bardarson** (MPIPKS)

14:00-15:00 **U.Schneider** (Cambridge): *Survey of MBL experiments*

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.Lazarides** (MPIPKS): *How periodic driving heats a disordered quantum spin chain*

16:20-16:40 **L.Pollet** (LMU): *Accessing many-body localized states through the Generalized Gibbs Ensemble*

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)

## **WEDNESDAY SCHEDULE:**

[8:15-9:15 breakfast]

**chair: A.Pal** (Oxford)

9:30-9:50 **M.Knap** (TUM): *Noise-induced subdiffusion in strongly localized quantum systems*

9:50-10:10 **JP.Garrahan** (Nottingham): *MBL in the presence of dissipation to an environment*

10:10-10:30 **M.Znidaric** (Ljubljana): *Influence of dephasing on many-body localization*

10:30-11:00 discussion

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

11:30-12:30 **S.Parameswaran** (UC Irvine): *organised discussion session*

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

**chair: A.Chandran** (Perimeter)

14:00-15:00 **S.Gopalakrishnan** (Caltech): *Dynamics and Response in Localized and Near-localized 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.Altland** (Koeln): *Effective field theory approach to Many Body Localization*

16:20-16:40 **D.Pekker** (Pittsburgh): *Applying Wegner flow equations to strongly disordered systems*

16:40-17:30 **P.Fendley** (Oxford): *discussion and closing remarks*

[17:30-the end]