

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

MONDAY SCHEDULE:

[8:15-9:15 breakfast]

chair: S.Grigera (La Plata) — tbc

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

9:30-10:30 **S.Davis** (Oxford & Cork): *SQUID and noise measurements*

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 **A.Tennant** (Oak Ridge): *Low-T SQUID measurements*

11:50-12:10 **C.Batista** (Oak Ridge): *Large-S limit of the large-N theory for the triangular antiferromagnet*

12:10-12:30 discussion

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

chair: R.Coldea (Oxford)

14:00-15:00 **B.Lake** (Berlin): *Neutrons for spin dynamics*

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 **C.Broholm** (JHU): *Entangled and out of equilibrium: New methods to probe dynamic magnetism with neutrons*

16:20-16:40 **S.Onoda** (Tokyo): *Low-energy excitations in Yb₂Ti₂O₇*

16:40-17:00 discussion

17:00-17:20 **P.Gegenwart** (Ausburg): *Excitations of triangular valence bonds revealed by inelastic neutron scattering on YbMgGaO₄*

17:20-17:40 **C.Hicks** (CPFS Dresden): *The triangular Heisenberg antiferromagnet PdCrO₂ under uniaxial stress*

17:40-18:15 discussion

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

TUESDAY SCHEDULE:

[8:15-9:15 breakfast]

chair: M.Hermanns (NORDITA/Stokholm)

9:30-10:30 **R.Valenti** (Frankfurt): *From first principles to dynamics*

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 **S.Blundell** (Oxford): *Where muons stop, and why it matters: the DFT+ μ technique*

11:50-12:10 **R.Fazio** (ICTP): *Dissipative preparation of quantum many-body states*

12:10-12:30 discussion

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

chair: J.Knolle (Imperial - TUM)

14:00-15:00 **Y.Matsuda** (Kyoto): *Thermodynamic and transport probes*

15:00-15:30 discussion

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

16:00-16:30 **C.Olson** (LANL): *Avalanches and disorder-induced criticality in artificial spin ices* (special 30' presentation)

16:30-17:30 discussion

[17:30-the end]