

UK Graduate Summer School in Condensed Matter Theory

Physics by the Lake

Cumberland Lodge, Windsor Great Park – July 29 - Aug 10 2018



Features core lecture courses in condensed matter physics:

- ❖ Strongly correlated quantum systems
- ❖ Statistical mechanics
- ❖ Electrons in solids
- ❖ Cold matter and quantum fluids

and additional courses on a range of applications such as:

- ❖ Quantum information processing
- ❖ Soft condensed matter
- ❖ Physics of biological evolution
- ❖ Superconductivity
- ❖ Topological matter
- ❖ Mesoscopic physics

Plus tutorials, research seminars and the chance to meet like-minded PhD students in beautiful surroundings

Apply by 21st April 2018 at physicsbythelake.org

The school is aimed at condensed matter theorists in their 1st or 2nd year of a PhD

It is also accessible to experimentalists with an interest in theoretical topics

All meals and accommodation are included

The full fee for the school is £1400 which should be covered by students' training budgets

Some bursaries may be available in individual cases

International students are welcome

Full details at physicsbythelake.org

Organisers: Prof Graeme Ackland (School of Physics and Astronomy, University of Edinburgh); Dr Sam Carr (School of Physical Sciences, University of Kent)