

FRIDAY 21ST FEBRUARY

- 15:00 Meet in the Lobby at Strand
- 16:00 Depart KCL
- 18:00 Arrive at the Lodge
Check in / Reception
- 19:00 Dinner
- 20:00 **Welcome Talk**
- 20:30 **First Lecture: *Modelling Complex Systems with the Aid of Supercomputers: From Nanomaterials to Biomolecules*** – [Prof. Carla Molteni](#)
- 22:00 Maxwell Quiz
Stargazing – weather dependent
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SATURDAY 22ND FEBRUARY

- 8:15 Breakfast
- 9:30 **Second Lecture: *More is Different*** – [Dr. Joe Bhaseen](#)
- 11:00 Coffee Break
- 11:30 **Third Lecture: *Pockets in motion: How protein dynamics can affect protein-drug interactions*** – [Dr. Arianna Fornili](#)
- 13:00 Lunch
- 14:00 Free time
- 16:00 Coffee Break
- 17:30 **Fourth Lecture: *Applications of Large-Scale Quantum Mechanics in Biology*** – [Dr. Daniel Cole](#)
- 19:00 Dinner
- 20:30 Murder Mystery



69TH ANNUAL CUMBERLAND LODGE SEMINAR WEEKEND
COMPUTATIONAL PHYSICS: BEYOND PEN AND PAPER
TIMETABLE - 2020

SUNDAY 23RD FEBRUARY

9:00	Breakfast (Vacate your bedrooms)
10:10	Coffee & Depart for Mass for those that wish to go
10:30	Free Time for those that do not wish to go to the Mass in morning
13:00	Lunch
14:00	Fifth Lecture: <i>Machine Learning Quantum Mechanics</i> – <u>Prof. Gabor Csanyi</u>
15:30	Coffee/Check out
16:00	Depart Lodge
18:00	Arrive KCL