

KCL Mathematics Retreat 2024

Numbers, Space, and Chance

Friday 23 February

- 16.00 Coach leaves from Surrey Street or nearby (check with Reception if necessary)
Students not intending to take the coach should declare this asap.
If you miss the coach, take a train from Victoria to Egham, then a taxi.
- 18:00 Check-in
- 18.30 Bar open
- 18:45 Ice-breaker (MathSoc)
- 19.15 Dinner
- 20.15 Lodge staff: *Welcome and key information*
- 20.45 NATALIE EVANS: *The twin prime conjecture*
- 22.00 Socialising in bar or basement

Saturday 24 February

- 08.00 Breakfast (until 09.00)
- 09.15 ELENI KONTOU: *Around a black hole*
- 10.15 Coffee
- 10.45 GUILLAUME CONCHON-KEJRAN: *How many times should you mix a deck of cards?*
- 11.55 EXPLORING ETHICS (debate led by Christina Ogowang): *Ethics and AI*
- 13.00 Lunch, then free time:
Exploring the Great Park and Windsor
Film screening if wet
- 17.00 Tea
- 18.00 SIMON SALAMON: *Divine proportion (after Luca Pacioli)*
- 19.15 Dinner
- 20.30 PETER JOSSEN: *How to calculate the circumference of an ellipse, fast*
- 21.45 Quiz (led by Jan and Anhad)
Socialising in bar or basement

Sunday 25 February

- 08.00 Breakfast (until 09.00, room checkout by 09.15 at latest)
- 10.15 Departure for those attending Matins at Royal Chapel
Those wishing to attend will need to say so by Sunday 18 February.
- 10.15 Coffee
- 10.45 JORDAN HOFMANN: *From Königsberg to Sudoku: discrete problem solving via graph theory*
- 11.45 Free time
- 12.45 Group photograph
- 13.00 Lunch
- 14.15 DOMINIC YEO:
Random walks to the Arctic Circle
- 15.15 Tea
- 16.00 Departure by coach