

**Part C and OMMS Timetable Hilary Term 2020**  
**Monday 19th Jan - Friday 13th March**

| Time        | Monday                                                                       |                                                             |                                                                                | Tuesday                                                          |                                                                     |                                                                    | Wednesday                                                        |                                                           |                                                             | Thursday                                                                  |                                                                                |                                                                  | Friday                                                 |                                                               |  |
|-------------|------------------------------------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------------|------------------------------------------------------------------|---------------------------------------------------------------------|--------------------------------------------------------------------|------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------------------------|------------------------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------------|--|
| 9.00-10.00  | Prof. Andrew Dancer<br>C3.11 Riemannian Geometry<br>L6                       |                                                             | Prof. Alain Goriely<br>C5.1 Solid Mechanics<br>L4                              | Prof. Vidit Nanda<br>C3.9 Computational Algebraic Topology<br>L4 |                                                                     | Prof. Alan Lauder<br>C3.6 Modular Forms<br>L5                      |                                                                  |                                                           | Prof. Alan Lauder<br>C3.6 Modular Forms<br>L6               |                                                                           | Prof. Jose Carillo<br>C4.9 Optimal Transport and PDEs<br>L5<br>(Weeks 1 & 4-8) | Prof. Pierrick Bousseau<br>C3.5 Lie Groups<br>L4                 |                                                        |                                                               |  |
| 10.00-11.00 |                                                                              |                                                             |                                                                                | Prof. Panos Papazoglou<br>C3.2 Geometric Group Theory<br>L4      |                                                                     | Prof. Rolf Suabedissen<br>C1.3 Analytic Topology<br>L4             |                                                                  |                                                           | Prof. Andras Juhasz<br>C3.12 Low-dimensional Topology<br>L6 |                                                                           |                                                                                | Prof. Louis-Pierre Arguin<br>C7.7 Random Matrix Theory<br>L4     |                                                        | Prof. Paul Balister<br>C8.4 Probabilistic Combinatorics<br>L4 |  |
| 11.00-12.00 | Prof. Andrea Mondino<br>C4.6 Fixed Point Methods for<br>Nonlinear PDEs<br>L4 | Prof. James Oliver<br>C5.6 Applied Complex Variables<br>L2  | Prof. Pierrick Bousseau<br>C3.5 Lie Groups<br>L5                               | Prof. Rolf Suabedissen<br>C1.3 Analytic Topology<br>L5           |                                                                     | Prof. Harald Oberhauser<br>C8.2 Stochastic Analysis and PDEs<br>L5 |                                                                  |                                                           | Prof. Andras Juhasz<br>C3.12 Low-dimensional Topology<br>L6 | Prof. James Oliver<br>C5.6 Applied Complex Variables<br>L2                | Prof. Paul Balister<br>C8.4 Probabilistic Combinatorics<br>L1                  |                                                                  | Prof. Andrew Dancer<br>C3.11 Riemannian Geometry<br>L6 |                                                               |  |
| 12.00-13.00 | Prof. Patrick Farrell<br>C6.4 Finite Element Methods for PDEs<br>L1          |                                                             |                                                                                | Prof. James Maynard<br>C3.10 Additive Number Theory<br>L4        | Prof. Patrick Farrell<br>C6.4 Finite Element Methods for PDEs<br>L5 |                                                                    | Prof. Artur Ekert<br>C7.4 Introduction to Quantum Theory<br>L1   |                                                           |                                                             | Prof. Harald Oberhauser<br>C8.2 Stochastic Analysis and PDEs<br>L5        |                                                                                | Prof. Vidit Nanda<br>C3.9 Computational Algebraic Topology<br>L4 |                                                        |                                                               |  |
| 13.00-14.00 |                                                                              |                                                             |                                                                                |                                                                  |                                                                     |                                                                    |                                                                  |                                                           |                                                             |                                                                           |                                                                                |                                                                  |                                                        |                                                               |  |
| 14.00-15.00 | Prof. Renaud Lambiotte<br>C5.4 Networks<br>L1                                |                                                             | Prof. Louis-Pierre Arguin<br>C7.7 Random Matrix Theory<br>L2                   | Prof. Coralia Cartis<br>C6.2 Continuous Optimisation<br>L1       |                                                                     |                                                                    | Dr Robin Knight<br>C1.2 Gödel's Incompleteness<br>Theorems<br>L2 | Prof. Nikolay Nikolov<br>C2.5 Non-commutative Rings<br>L4 | Prof. Panos Papazoglou<br>C3.2 Geometric Group Theory<br>L5 | Prof. James Maynard<br>C3.10 Additive Number Theory<br>L6                 |                                                                                | Prof. Nikolay Nikolov<br>C2.5 Non-commutative Rings<br>L4        |                                                        | Fridays@2                                                     |  |
| 15.00-16.00 |                                                                              | Prof. Jose Carillo<br>C4.9 Optimal Transport and PDEs<br>L1 |                                                                                |                                                                  |                                                                     | Prof. Artur Ekert<br>C7.4 Introduction to Quantum<br>Theory<br>L2  | Dr Christopher Couzens<br>C7.6 General Relativity II<br>L4       |                                                           |                                                             | Prof. Andrea Mondino<br>C4.6 Fixed Point Methods for Nonlinear PDEs<br>L6 |                                                                                | Prof. Sam Cohen<br>C8.7 Optimal Control<br>L1                    |                                                        |                                                               |  |
| 16.00-17.00 | Prof. Sam Cohen<br>C8.7 Optimal Control<br>L2                                | Weeks 2 & 3                                                 | Prof. Dan Ciubotaru<br>C2.3 Representation of Semisimple<br>Lie Algebras<br>L6 | Prof. Jan Kristensen<br>C4.7 Fourier Analysis<br>L2              | Prof. Renaud Lambiotte<br>C5.4 Networks<br>L1                       |                                                                    |                                                                  |                                                           |                                                             | Prof. Kevin McGerty<br>C2.6 Introduction to Schemes<br>L6                 |                                                                                | Dr Robin Knight<br>C1.2 Gödel's Incompleteness Theorems<br>L4    |                                                        |                                                               |  |
| 17.00-18.00 |                                                                              |                                                             |                                                                                |                                                                  |                                                                     |                                                                    |                                                                  |                                                           |                                                             |                                                                           |                                                                                |                                                                  |                                                        |                                                               |  |