### FACULTY OF MATHEMATICS

#### COURSES INTENDED FOR GRADUATES (non-examinable)

Lectures will be held in the Meeting Rooms (MR) of the *Centre for Mathematical Sciences, Clarkson Road*, unless otherwise stated.

For a personalised version of the timetable, which you can import into your own electronic calendar, please see [http://www.timetable.cam.ac.uk](http://www.timetable.cam.ac.uk).

<table>
<thead>
<tr>
<th>MICHAELMAS 2017</th>
<th>LENT 2018</th>
<th>EASTER 2018</th>
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<tr>
<td><strong>Philosophical Aspects of Quantum Field Theory</strong>&lt;br&gt;DR J. N. BUTTERFIELD&lt;br&gt;Th. 4:30-6, <em>MR4</em></td>
<td><strong>Introduction to Optimal Transport</strong>&lt;br&gt;DR M. THORPE&lt;br&gt;M. F. 10, <em>MR5</em> (Twelve lectures)</td>
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<td><strong>Examples of Shimura Varieties</strong>&lt;br&gt;PROF. I. GROJNOWSKI&lt;br&gt;M. W. F. 11, <em>MR11</em></td>
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<td><strong>Teichmüller Theory</strong>&lt;br&gt;DR S. M. ANTONAKOUDIS&lt;br&gt;F. 12, <em>MR11</em></td>
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<td><strong>Topics in Number Theory</strong>&lt;br&gt;PROF. A. J. SCHOLL&lt;br&gt;Tu. Th. S. 9, <em>MR9</em> (Lectures start Th. 1 February, sixteen lectures in total)</td>
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<td><strong>Topics in Random Graphs</strong>&lt;br&gt;DR R. H. MONTGOMERY&lt;br&gt;Tu. Th. 11, <em>MR11</em></td>
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<td><strong>Nonlinear Wave Equations</strong>&lt;br&gt;DR J. KEIR&lt;br&gt;Tu. 11, <em>MR12</em></td>
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<td><strong>Spinor Techniques in General Relativity</strong>&lt;br&gt;MS I. M. M. BORZYM, DR P. O’DONNELL&lt;br&gt;Tu. Th. S. 12, <em>MR12</em></td>
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