

## OUPC 2008 Timetable

Mary Sunley Building  
St Catherine's College Oxford

14 – 15 April 2008

| MONDAY 14 APRIL |                                                                                                                                                                 |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9.15 – 9.30     | Registration                                                                                                                                                    |
| 9.30 – 9.45     | Welcome (CWPP)                                                                                                                                                  |
| 9.45 – 11.00    | Quantum electrons in a magnetic field<br>and how to make a fractal band structure<br>Steve Blundell                                                             |
| 11.00 – 11.30   | COFFEE                                                                                                                                                          |
| 11.30 – 12.45   | Geometric Algebra<br>Anthony Lasenby                                                                                                                            |
| 12.45 – 1.45    | LUNCH                                                                                                                                                           |
| 1.45 – 3.15     | Paper Session 1:<br>Roberto Trotta: Cosmic Acceleration<br>Christopher Foot: a high-precision measurement in H<br>John Roche: What is the Displacement Current? |
| 3.15 – 3.45     | TEA                                                                                                                                                             |
| 3.45 – 5.00     | From babbling brooks to boiling kettles;<br>the acoustics of bubbles in liquids<br>Alan Walton                                                                  |

| TUESDAY 15 APRIL |                                                                                                                                                   |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| 9.30 – 10.45     | How does Quantum Mechanics turn into Classical<br>Mechanics? — The motion of wavepackets in a box<br>Christopher Palmer                           |
| 10.45 – 11.15    | COFFEE                                                                                                                                            |
| 11.15 – 12.30    | In Search of Pulsars<br>Jocelyn Bell-Burnell                                                                                                      |
| 12.30 – 1.00     | Group Photo                                                                                                                                       |
| 1.00 – 1.45      | LUNCH                                                                                                                                             |
| 1.45 – 3.15      | Paper Session 2:<br>John Gregg: Wind Turbines<br>Christopher Palmer: Wavepackets and revivals<br>Wayne Myrvold: Special Relativity, Einstein 1905 |
| 3.15 – 3.45      | TEA                                                                                                                                               |
| 3.45 – 5.00      | From Oxford to Green Energy<br>Juliet Davenport                                                                                                   |