

OUPC 2013 Timetable

Mary Sunley Building
St Catherine's College Oxford

15 – 16 April 2013

MONDAY 15 APRIL	
9.15 – 9.30	Registration
9.30 – 9.45	Welcome (CWPP)
9.45 – 11.00	<i>Mind Reading and Other Applications of MRI</i> Prof. Peter Jezzard (Clinical Neuroscience, Oxford)
11.00 – 11.30	COFFEE
11.30 – 12.45	<i>Space Weather: plasma physics as a natural hazard</i> Prof. Mike Hapgood (Space Science Division, RAL)
12.45 – 1.45	LUNCH
1.45 – 3.15	Paper Session 1: Twistors (Hodges) Space Weather (Hapgood) Medical Physics (Partridge)
3.15 – 3.45	TEA
3.45 – 5.00	<i>Why physics needs square roots of vectors: spinors and twistors</i> Prof. Andrew Hodges (Mathematics, Oxford)

TUESDAY 16 APRIL	
9.30 – 11.00	<i>From Hot to Cool and More for Less:</i> <i>New Physics-based Developments for Structural Biology.</i> Prof. Elspeth Garman (Biochemistry, Oxford)
11.00 – 11.25	COFFEE
11.25 – 12.45	<i>Brecht's Galileo</i> Roxana Silbert (Associate Director, RSC)
12.45 – 1.45	LUNCH
1.45 – 3.15	Paper Session 2: Galileo Seminar (Silbert/Kuhn/Bennett) Cosmic Rays (Martens) Dark Matter vs Modified Gravity (Sarkar)
3.15 – 3.45	TEA
3.45 – 5.00	<i>What can Quantum Gravity tell us about the Foundations of QM?</i> Prof. Fay Dowker (Physics, Imperial College London)