

London Summer School Theoretical Materials Science

July 5-7, 2010

The Whiteley Suite (RCS1), Imperial College London

Programme

Monday July 5th

9.15 Welcome and introduction, **Adrian Sutton**

9.30-12.30 Session 1: Thermodynamics of surfaces and interfaces, **Mike Finnis**

2.00-5.00 Session 2: Theory of diffusion from crystals to the continuum limit, **Adrian Sutton**

6.00 Nando's Restaurant, 117 Gloucester Road

Tuesday July 6th

9.30-12.30 Session 3: Solving the diffusion equation, **Peter Haynes**

2.00-5.00 Session 4: Spinodal decomposition and the Cahn-Hilliard equation, **Dimitri Vvedensky**

Wednesday July 7th

9.30-12.30 Session 5: Path integral techniques for quantum diffusion, **Arash Mostofi**

2.00-5.00 Session 6: Quantum Monte Carlo techniques, **Matthew Foulkes**