

## Workshop on Turing's Legacy in Mathematics and Computer Science

BMC 2012, Canterbury, Kent, 17 April 2012, 1:30pm

1:30 Introduction, Greg Michaelson (Heriot-Watt) The limits to computation

1:40 Paul Cockshott (Glasgow) How physics constrains real value calculation

2:10 Dominique Chu (Kent) The biological cell as a stochastic computer

2:40 Ashley Montanaro (Cambridge) The Church-Turing thesis in a quantum world

3:30 Mike Stannett (Sheffield) Computing via Physical Theories

4:00 Mark Hogarth (Cambridge) The Church-Turing Thesis is a pseudo-proposition

4:30 Barry Richards (Edinburgh, ret'd.) Turing's Legacy and AI: Two perspectives