

Timetable

Week 1 (6-11 August, 2007)

	6 Monday	7 Tuesday	8 Wednesday	9 Thursday	10 Friday	11 Saturday	12 Sun
7:30		breakfast	breakfast	breakfast	breakfast	breakfast	breakfast
9:00	Minibuses from Heathrow Registration	von Delft 1	Halperin 1	von Delft 3	Halperin 3	Bennett 1	Tour
10:00		von Delft 2	Halperin 2	von Delft 4	Halperin 4	Bennett 2	
11:00		coffee	coffee	coffee	coffee	coffee	
11:30		Imamoglu 1	Imamoglu 2	Metzner 3	Buttiker 3	Briggs	
13:00		lunch	lunch	lunch	lunch	lunch	
14:30	Minibuses from Heathrow	Registration	discussions	discussions	Kastner 1	Marcus 1	
15:30		Littlewood 1	Metzner 1	Buttiker 1	Kastner 2	Marcus 2	
16:30	Registration	coffee	coffee	coffee	coffee	coffee	
17:00	welcome reception	Littlewood 2	Metzner 2	Buttiker 2	Schomerus	Poster Talks 1	
18:15	dinner	dinner	dinner	dinner	dinner	dinner	
19:30		discussions	discussions	discussions	discussions	Posters 1	

Week 2 (13-17 August, 2007)

	13 Monday	14 Tuesday	15 Wednesday	16 Thursday	17 Friday	18 Saturday
7:30	breakfast	breakfast	breakfast	breakfast	breakfast	Sat. We should vacate the Lodge by 11 am
9:00	Bennett 3	Flach 1	Meden 2	Altshuler 1	Geim 1	
10:00	Bennett 4	Flach 2	Meden 3	Altshuler 2	Geim 2	
11:00	coffee	coffee	coffee	coffee	coffee	
11:30	Cheianov 1	Meden 1	Dresselhaus 1	Dresselhaus 2	Altshuler 3	
13:00	lunch	lunch	lunch	lunch	lunch	
14:30	Cheianov 2	Kravtsov 1	Marrows	discussions	Lerner 2	
15:30	Falko 1	Kravtsov 2	Lerner 1	Cheianov 3	Lerner 3	
16:30	coffee	coffee	coffee	coffee	Closing	
17:00	Falko 2	Falko 3	Poster Talks 2	Cheianov 3^{1/2} (tutorial)	farewell reception & dinner	
18:15	dinner	Conference dinner	dinner	dinner		
19:30	discussions		Posters 2	taking off posters		

Lecture Programme

B. Altshuler (Columbia U, NY)	<i>From single-particle to many-body localisation in disordered systems.</i>
C. Bennett (IBM)	<i>I. Quantum computation and the physics of information processing. II. Entanglement, communication, and cryptography.</i>
A. Briggs (Oxford)	<i>Spins in carbon nanomaterials for qubits.</i>
M. Buttiker (Geneve)	<i>I. Dynamics of quantum coherent capacitors. II. Quantum shot noise correlations.</i>
V. Cheianov (Lancaster)	<i>Introduction to bosonisation and the Luttinger liquid model.</i>
J. von Delft (Munche)	<i>Kondo effect in metals and quantum dots.</i>
M. Dresselhaus (MIT - Boston)	<i>Physics of graphite and graphene - review.</i>
V. Falko (Lancaster)	<i>Introduction to graphene – theory.</i>
S. Flach (MPI-PKS, Dresden)	<i>Localizing energy through nonlinearity and discreteness.</i>
A. Geim (Manchester)	<i>Rise of graphene.</i>
B. Halperin (Harvard)	<i>Quantum Hall effects.</i>
A. Imamoglu (ETH-Zurich)	<i>Quantum optics in mesoscopic systems.</i>
M. Kastner (MIT - Boston)	<i>Kondo effect in quantum dots - experiment.</i>
V. Kravtsov (ICTP - Trieste)	<i>Localisation in random matrix theory models.</i>
I. Lerner (Birmingham)	<i>Functional bosonisation in application to impurity in the Luttinger liquid.</i>
P. Littlewood (Cambridge)	<i>New condensates made of atoms and light.</i>
C. Marcus (Harvard)	<i>Nanoelectronics: spin qubit, noise measurements, and new materials.</i>
C. Marrows (Leeds)	<i>A trip to the spin-valve zoo.</i>
W. Metzner (MPI-FKF Stuttgart)	<i>Functional renormalization group for interacting fermions and application to Luttinger liquids with impurities.</i>
V. Meden (Goettingen)	<i>The functional renormalization group approach to quantum dots and wires.</i>
H. Schomerus (Lancaster)	<i>Counting statistics of electrons and photons.</i>