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Agenda

Saturday, 10.9.2011
all day
18:00 Arrival and check-in
18:30 Informal get-together and light snack

Sunday, 11.9.2011
8:00 Breakfast and check-in
9:00 Registration and check-in
9:45 Welcome and general information
10:00 "Superconducting Qubits I: Introduction, coherence, and readout (I)"
Robert McDermott
11:30 "Optimal control of quantum systems (I)"
Rosario Fazio
12:30 Lunch
14:30 "Spin qubits in quantum dots (I)"
Hendrik Bluhm
16:00 Break
16:30 "Spin and valley control in semiconductor and carbon quantum dots"
Guido Burkard (I)
18:00 End of class
18:30 Dinner

Monday, 12.9.2011
8:00 Breakfast
9:00 "Optimal control of quantum systems (II)"
Rosario Fazio
10:30 Break
11:00 "Superconducting Qubits II: Tomography, coupling, and multi-qubit operations"
Robert McDermott (II)
12:30 Lunch
14:00 "Spin and valley control in semiconductor and carbon quantum dots"
Guido Burkard (II)
15:30 Hike (moderate, but bring sturdy footwear and - just in case - rain gear)
18:30 Barbecue
Tuesday, 13.9.2011

8:00  Breakfast
9:00  "Topological phases and Majorana fermions in quantum wires"
     Felix von Oppen
10:30 Break
11:00 "Classical and quantum dynamics of the Josephson junction chain"
     David Haviland
12:30 Lunch
14:00 "Quantum optics with superconducting circuits (I)"
     Andreas Wallraff
15:30 Poster session (and coffee)
17:00 "Topological aspects of localization: From graphene to topological insulators"
     Pavel Ostrovsky (I)
18:30 End of class and dinner

Wednesday, 14.9.2011

8:00  Breakfast
9:00  "Quantum optics with superconducting circuits (II)"
     Andreas Wallraff
10:30 Break
11:00 "Spin qubits in quantum dots (II)"
     Hendrik Bluhm
12:30 Lunch
14:00 "Gapped bilayer graphene and marginal topological insulators"
     Jian Li
15:30 Break
16:00 "Topological aspects of localization: From graphene to topological insulators"
     Pavel Ostrovsky (II)
17:30 Farwell address and end of course