

ICTS School Schedule

Day 1: 16th December 2012

Time	Speaker	Topic
8:30 – 9:15		Welcome
9:30 – 10:45	Krishnendu Sengupta	Dirac physics in graphene: an introduction (I)
10:45 – 11:15		Tea
11:15 – 12:30	Steven M. Girvin	Introduction to Circuit QED (I)
12:30 – 14:00		Lunch
14:00 – 15:15	Krishnendu Sengupta	Dirac physics in graphene: an introduction (II)
15:15 – 15:45		Tea
15:45 – 17:00	Steven M. Girvin	Introduction to Circuit QED (II)

Day 2: 17th December 2012

Time	Speaker	Topic
9:30 – 10:45	Krishnendu Sengupta	Dirac physics in graphene: an introduction (III)
10:45 – 11:15		Tea
11:15 – 12:30	Steven M. Girvin	Introduction to Circuit QED (III)
12:30 – 14:00		Lunch
14:00 – 15:15	Joel Moore	Topological insulators and other weakly-interacting topological phases
15:15 – 15:45		Tea
15:45 – 17:00	Ady Stern	Non-abelian anyons, Majorana fermions and topological quantum computation (I)

Day 3: 18th December 2012

Time	Speaker	Topic
9:30 – 10:45	Joel Moore	Consequences of the Berry phase in solids: from topological phases to ferroelectrics, magnetoelectrics, and cuprates
10:45 – 11:15		Tea
11:15 – 12:30	Ady Stern	Non-abelian anyons, Majorana fermions and topological quantum computation (II)
12:30 – 14:00		Lunch
14:00 – 15:15	Joel Moore	Topological phases arising from strong correlations
15:15 – 15:45		Tea
15:45 – 17:00	Ady Stern	Non-abelian anyons, Majorana fermions and topological quantum computation (III)