

Princeton Summer School on Condensed Matter Physics Quantum Information and Computation

July 28 – 31, 2014
Monday – Thursday
Jadwin Hall A10

DAY 1	Monday, July 28, 2014	
8 : 30 - 9 : 15	Breakfast in Brush Gallery	
9 : 15 - 9 : 30	Opening remarks	
9 : 30 - 10 : 45	"Topological Quantum Computation" <i>Nick Bonesteel, Florida State University</i>	Lecture 1 of 3
10 : 45 - 11 : 00	Coffee break in Brush Gallery	
11 : 00 - 12 : 15	"AdS/CFT, Entanglement Entropy, and Black Hole Entropy" <i>Juan Maldacena, Institute for Advanced Study</i>	1 of 3
12 : 15 - 1 : 30	Lunch in Brush Gallery	
1 : 30 - 2 : 45	"Topological Quantum Computation" <i>Nick Bonesteel, Florida State University</i>	2 of 3
2 : 45 - 3 : 00	Coffee break in Brush Gallery	
3 : 00 - 4 : 15	"Majorana Fermion Theory" <i>Roman Lutchyn, Station Q, Microsoft Research</i>	1 of 3

DAY 2	Tuesday, July 29, 2014	
8 : 30 - 9 : 30	Breakfast in Brush Gallery	
9 : 30 - 10 : 45	"Topological Quantum Computation" <i>Nick Bonesteel, Florida State University</i>	3 of 3
10 : 45 - 11 : 00	Coffee break in Brush Gallery	
11 : 00 - 12 : 15	"Majorana Fermion Theory" <i>Roman Lutchyn, Station Q, Microsoft Research</i>	2 of 3
12 : 15 - 1 : 30	Lunch in Brush Gallery	
1 : 30 - 3 : 15	"Experimental Realization of Majorana Fermions" <i>Ali Yazdani, Princeton University</i>	1 of 1

DAY 3	Wednesday, July 30, 2014	
8 : 30 - 9 : 30	Breakfast in Brush Gallery	
9 : 30 - 10 : 45	"Majorana Fermion Theory" <i>Roman Lutchyn, Station Q, Microsoft Research</i>	Lecture 3 of 3
10 : 45 - 11 : 00	Coffee break in Brush Gallery	
11 : 00 - 12 : 15	"Topics in Quantum Entropy and Entanglement" <i>Elliott Lieb, Princeton University</i>	1 of 3
12 : 15 - 1 : 30	Lunch in Brush Gallery	
1 : 30 - 2 : 45	"AdS/CFT, Entanglement Entropy, and Black Hole Entropy" <i>Juan Maldacena, Institute for Advanced Study</i>	2 of 3
2 : 45 - 3 : 00	Coffee break in Brush Gallery	
3 : 00 - 4 : 15	"Topics in Quantum Entropy and Entanglement" <i>Elliott Lieb, Princeton University</i>	2 of 3

DAY 4	Thursday, July 31, 2014 <i>(Happy Birthday Elliott!)</i>	
8 : 30 - 9 : 30	Breakfast in Brush Gallery	
9 : 30 - 10 : 45	"AdS/CFT, Entanglement Entropy, and Black Hole Entropy" <i>Juan Maldacena, Institute for Advanced Study</i>	3 of 3
10 : 45 - 11 : 00	Coffee break in Brush Gallery	
11 : 00 - 12 : 15	"Topics in Quantum Entropy and Entanglement" <i>Elliott Lieb, Princeton University</i>	3 of 3
12 : 15 - 1 : 30	Lunch in Brush Gallery	

<http://www.princeton.edu/pccmeducation/graduate/psscmp/psscmp2014/>

Notes:

- Badges must be displayed for meals.
- WiFi is available on the network PUvisitor. Use is limited to seven days.
- Lectures are being video-recorded. Recordings and slides will be posted online.
- For any questions, contact coordinator Soonoo Aria (saria@princeton.edu)