

5:30pm	RECEPTION
6:00pm	SPECIAL EVENTS DINNER
8:00pm	SHUTTLE TO BWSCI
Wednesday, Jun 03, 2015	
Tensor Networks and Holography, Chair: Steve White (UC Irvine)	
9:00am Guifre Vidal (PI)	Tensor Networks, renormalization and Holography (overview)[Slides][Podcast] [Aud][Cam]
10:00am	Morning Break
Tensor Networks and Holography	
10:30am Bartek Czech (Stanford)	From tensor networks to holography via integral geometry[Slides][Podcast] [Aud][Cam]
11:10am Jeongwan Haah (MIT) 11:50am	Many-body entanglement witness and branching MERA[Podcast][Aud][Cam] Lunch Break
2:00pm	FREE AFTERNOON SHUTTLE AVAILABLE TO BWSCI
<u>Thursday, Jun 04, 2015</u>	
Quantum Information and Quantum Gravity, Chair: Erik Verlinde (Amsterdam)	
9:00am Leonard Susskind (Stanford)	ER=EPR but entanglement is not enough (overview)[Slides][Podcast] [Aud][Cam]
10:00am	Morning Break
Quantum Information and Quantum Gravity	
10:30am Tadashi Takayanagi (Kyoto)	Surface/State Correspondence as a Generalized Holography[Slides][Podcast] [Aud][Cam]
11:10am John Preskill (Caltech)	Is spacetime a quantum error-correcting code?[Slides][Podcast][Aud][Cam] LUNCH
Many-Body Localization, Chair: Joel Moore (UCB)	
1:30pm Dmitry Abanin (PI)	MBL: integrability, entanglement and dynamics (overview)[Slides][Podcast] [Aud][Cam]
2:30pm	Afternoon Break
Many-Body Localization	
3:00pm Ehud Altman (Weizmann)	Universal dynamics and entanglement patterns near a MBL transition[Slides] [Podcast][Aud][Cam]
3:40pm A. Chandran (PI)	Thermalization versus localization in a solvable circuit model[Slides][Podcast] [Aud][Cam]
POSTER SESSION	
5:30pm	RECEPTION
6:00pm	SPECIAL EVENTS DINNER
8:00pm	SHUTTLE TO BWSCI
<u>Friday, Jun 05, 2015</u>	
Closing the Gap, Chair: Birgitta Whaley (UCB)	
9:00am Matthew Hastings (Microsoft) Random Holography[Podcast][Aud][Cam] 9:40am Morning Break	
Closing the Gap	
10:10am John Cardy (Oxford)	The entanglement gap in CFTs[Slides][Podcast][Aud][Cam]

10:50am X-G Wen (MIT/PI/Tsinghua) Entanglement and emergence -- a second quantum revolution[Slides][Podcast] [Aud][Cam] 11:30am Lunch Break

1:30pm

FREE AFTERNOON -- SHUTTLE AVAILABLE TO BWSCI