

Minicourse on Quantum Entanglement: From Quantum Information to Many-Body Physics and Beyond (Aug. 20-24, 2018)

	Monday, Aug. 20	Tuesday, Aug. 21	Wednesday, Aug. 22	Thursday, Aug. 23	Friday, Aug. 24
10:30 - 12:00			Theory of MPS-II & Classification of 1d Gapped Quantum Phases		
12:00 - 13:00			LUNCH		
13:00 - 14:00	Registration				
14:00 - 15:30	Introduction to Quantum Information	Basics of Entanglement Theory	IFT-Colloquium: Quantum Computing in the Near Term (Fernando Brandão)	Scrambling & Decoupling	Complexity in physical systems
15:30 - 16:00	Coffee Break				
16:00 - 17:30	Introduction to Tensor Networks	Theory of Matrix Product States-I	PEPS - Symmetries	Error Correction	Applications in Low and High Energy Physics