Student presentations, Monday evening sessions

July 12th

Dmytro Pesin, UT Austin
Mott physics and band topology in materials with strong spin-orbit interaction

Thomas Lang, Wuerzburg
Spin-liquid emerging in two-dimensional correlated Dirac fermions

Benjamin Hsu, Urbana
Quantum noise and entanglement generated by a local quantum quench

July 19th

Miles Stoudenmire, UC Irvine
Simulating Finite Temperature Quantum Systems
With Minimally Entangled Typical Thermal States

Juha Suorsa, Oslo
Entanglement spectrum of quantum Hall states on torus

Ryan Mishmash, UCSB
Exotic gapless Bose insulator phases on the N-leg ladder

Beth Nowadnick, Stanford
Quasiparticle scattering in the cuprates

July 26th

Brian Swingle, MIT
Entanglement Entropy of a Critical Fermi Surface

Ying Tang, Boston University
Topological Properties of Two-Dimensional Resonating-Valence-Bond States

Julia Wildeboer, Washington University St. Louis
Linear independence of nearest neighbor valence bond states
on several 2D lattices