

# Condensed Matter Theory Center Spring SYMPOSIUM



Date: March 8, 2017 | 11:00AM-4:15PM

Location: 2205 Toll Physics Building

## Morning session: Condensates and Machine Learning

11:00 AM **Aydin Keser**

**“Analogue stochastic gravity in strongly-interacting Bose-Einstein condensates”**

11:45 AM **Dong-Ling Deng**

**“Machine learning and artificial neural network quantum states”**

12:30-2 Break

## Afternoon session: Majorana Fermions and Beyond

2:00 PM **Will Cole**

**“Finite size scaling of Majoranas near the Ising critical point”**

2:45 PM **Ching-Kai Chiu**

**“Conductance of a superconducting Coulomb blockaded Majorana nanowire”**

3:30 PM **David Clarke**

**“Parafermions in gapless edge states--disappearing zero modes and other puzzles”**