2017 Annual Symposium

Thursday, August 24
Rm 2136, Physical Sciences Complex

9:30  Johnpierre Paglione  Introduction and state of the center
10:00 Ichiro Takeuchi  Materials discovery via machine learning
10:30 coffee break
11:00 Ian Appelbaum  Elemental tellurium: spin physics in 1-, 2-, & 3D
11:30 Johnpierre Paglione  PtAs₂: semiconductor to exciton to superconductor
12:00 catered lunch
1:00 Steve Anlage  Superconducting quantum metamaterials
1:30 Min Ouyang  Chirality and spin sensing at the nanoscale
2:00 Vlad Manucharyan  SI transition in 1D tunnel junction chains via microwaves
2:30 coffee break
3:00 Nick Butch  Doping a skyrmion material
3:20 Fred Wellstood  Anomalous transmon relaxation due to quasiparticles
3:40 Kevin Osborn  Reversible ballistic flux soliton logic