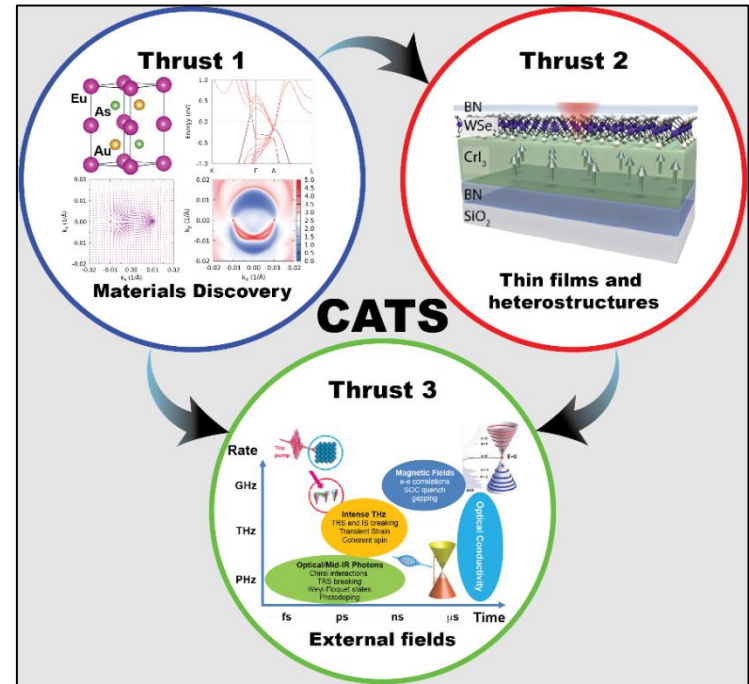


Center for the Advancement of Topological Semimetals (CATS)

Robert McQueeney (Ames Laboratory); Class: 2018-2022

MISSION: To discover and understand new magnetic topological materials that host quantum phenomena and functionality for future applications in computing, spin-based electronics, and sensing.



<https://cats.ameslab.gov>

RESEARCH PLAN

CATS has crosscutting research thrusts to; (1) predict, discover, and understand new magnetic topological materials, (2) discover and control novel quantum states and functionality in thin films and heterostructures, and (3) investigate the manipulation of topological states with external fields.