

Physics Seminar: Wilbur Shirley  
Wednesday, March 18•1:15 – 2:15pm in 313

Title: Anomalies, Gauging, and Onsiteability

Abstract: I will discuss anomalies of ordinary and higher-form symmetries on the lattice. First, I will present systematic methods for diagnosing anomalies from symmetry defects. I will then describe a procedure for gauging and higher gauging of anomaly-free symmetries. Finally, I will explain the connection between gauging and anomalies and the notion of (higher) onsiteability.