1167-47-120   **Jake Fillman*** (`fillman@txstate.edu`). *Spectral and dynamical properties of aperiodic quantum walks.*

Quantum walks are quantum mechanical analogues of classical random walks. We will discuss the case of one-dimensional walks in which the quantum coins are modulated by an aperiodic sequence, with an emphasis on almost-periodic models. Talk based on joint projects with Christopher Cedzich, David Damanik, Tobias Geib, Darren C. Ong, Albert H. Werner, and Zhenghe Zhang (Received March 03, 2021)