## **Interacting Fermions in Quasiperiodic Optical Lattices**

## **Erich Mueller**

Department of Physics, Cornell University, United States

\*Email of Presenting Author: em256@cornell.edu

The past few years have brought notable advances in our theoretical understanding of interacting fermions in disordered potentials. Cold atom experiments have begun to test these ideas about "many-body localization." I will discuss recent experiments at Munich involving fermionic atoms trapped in bichromatic optical lattices -- explaining their significance, and presenting a novel cluster approach which reproduces their observation.

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