

The Alchemy of Today: 2D Engineered Materials

B. Andrei Bernevig

Princeton University, USA

bernevig@princeton.edu

I will review the new wave of engineered moire materials that has revolutionized our controlability of exotic quantum states of matter. I will show how they can possibly hold the key to our understanding of long-sought after concepts, such as high-Temperature superconductivity or Anyons.