

Abstract Submitted  
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**Strongly-correlated phases in a flatband with incommensurate filling** EVELYN TANG, XIAO-GANG WEN, Perimeter Institute/MIT — We explore strongly-correlated electronic phases in flatband systems (such as on the kagome lattice) with incommensurate filling, in the presence of spin-orbit interactions and ferromagnetism. The competition between Fermi-liquid, charge-density wave and superconducting phases in this system is examined.

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