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Intrinsic, robust, and isolated flat bands present at half-filling in the minimal model of the superconducting metal-organic framework, Cu-BHT

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An analytical model of the metal-organic superconductor, Cu-BHT, shows that its simplified lattice structure possesses three robust, degenerate flat bands at half-filling, which are narrower and more isolated than those of twisted-bilayer graphene.

Primary author: OHLRICH, Miriam (University of Queensland)

Presenter: OHLRICH, Miriam (University of Queensland)

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