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**Spin excitations in cuprates with fluctuating stripe order** RIBHU KAUL, Duke University and TKM Universitaet Karlsruhe, MATTHIAS VOJTA, TKM Universitaet Karlsruhe, SUBIR SACHDEV, Yale University — We present a phenomenological Landau-Ginzburg-Wilson quantum lattice model with both anti-ferromagnetic and charge/bond order that is able to capture the physics of static stripes as well as fluctuating stripe order. We focus on the spin response of this model for the case of fluctuating stripe order and compare it with the results for the static case. We claim that our results are relevant to recent neutron scattering experiments in the cuprates.

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