

## Chiral phase transition in nonlocal NJL-like models under strong magnetic fields

We study the behavior of quark matter under an external magnetic field in the context of nonlocal chiral quark models, focusing on the features of the chiral restoration transition. It is seen that these models naturally lead to the inverse magnetic catalysis effect found in lattice QCD calculations.

**Author:** GOMEZ DUMM, Daniel (IFLP, CONICET - Dpto. de Física, Fac. de Cs. Exactas, Universidad Nacional de La Plata, Argentina)

**Presenter:** GOMEZ DUMM, Daniel (IFLP, CONICET - Dpto. de Física, Fac. de Cs. Exactas, Universidad Nacional de La Plata, Argentina)