Contribution ID : **49** Type : **Plenary Topical Talk (30 min)**

Baryon chiral perturbation theory transferred to hole-doped antiferromagnets on the honeycomb lattice

Tuesday, 25 October 2011 13:00 (0:30)

Abstract content

A systematic low-energy effective field theory for hole-doped antiferromagnets on the honeycomb lattice is constructed. The formalism is then used to investigate spiral phases in the staggered magnetization as well as the formation of two-hole bound states.

Summary

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Session Classification : Hadronic Matter

Track Classification : Hadronic Matter