Magnetic phenomena at preheating.

Presenter: Andres Diaz-Gil — Universidad Autónoma de Madrid
A. Diaz-Gil, J. García Bellido, A. Gonzalez-Arroyo, M. García Perez

Due to its non-perturbative character, lattice methods are suitable to describe preheating after inflation. One of the phenomena that could be occur in this epoch is the creation of large scale magnetic fields. In this talk we present a lattice implementation of this problem as well as some interesting related results.