
ECOGAL - Multiscale simulations

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Abstract

The ambition of the ECOGAL project is to provide a self-consistent description of the gas phase of the milky-Way from the galactic disk to the protoplanetary disks and to confront these results with the relevant observations. In the talk, I will describe several of the simulations we plan to do, stressing what is nowadays feasible and what are the most important restrictions and unknown.

Keywords: numerical simulations, turbulence, gravity, feedback, magnetic field

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