Ergodic problems for viscous Hamilton-Jacobi equations with inward drift

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In this talk we present recent results on the ergodic problem for viscous Hamilton-Jacobi equations with superlinear Hamiltonian and inward drift. We study the asymptotic behavior of the generalized principal eigenvalue of the ergodic problem with respect to a perturbation of the potential function. This is a joint work with Emmanuel Chasseigne (University of Tours).