Large time properties for some phase transition models

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This talk is concerned with the large time behaviour of the solution to some phase transition models, based on a balance law involving entropy and on a local balance of microforces. These models lead to boundary value problems for a system of partial differential equations. In this setting, one can consider the initial value problem for the coupled system of evolution equations and show the well-posedness. Stabilization and convergence properties of the solution as time goes to infinity will be discussed.