
Simulations of the multi-phase interstellar medium

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Résumé

I will review recent progress on simulation of the multiphase interstellar medium. The focus will be in the impact of feedback from massive stars by winds, radiation, and supernovae on the driving of turbulence and the regulation of star formation. The importance of the non-thermal ISM components, magnetic fields and cosmic rays, for setting the ISM structure and the driving of outflows will also be discussed.

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