Feedback in Molecular Clouds

Geen Sam[*][1]

[1]ITA/ZAH University of Heidelberg – Germany

Abstract

I will present work done in the last year or so to understand how stellar feedback works on cloud scales using RAMSES. I will present results from the YULE simulations, using Bayesian statistical modelling to uncover underlying trends in star formation feedback. I will also present results from the AMUN simulations, which explore the interaction between winds, photoionisation, and radiation pressure. Finally I will present a selection of other RAMSES-related projects that I have been working on recently.

[*]Speaker