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Simulations of auto-gravitating disks with Ramses

Wednesday, 2 October 2019 15:30 (20 minutes)

We run hydrodynamical simulations of protoplanetary disk to investigate the effects of a classical very simplified cooling model on disk fragmentation. The goals are to estimate the fragmentation boundary when using a Godunov scheme, probe convergence and build a simple analytical model.

Presenter: Mr BRUCY, Noe (CEA)

Session Classification: Protostellar Systems