

Hydrodynamics of low-dimensional interacting systems: Advances, challenges, and future directions

Contribution ID: 20

Type: **not specified**

Kinetic predictions for the blast in cold gas

Tuesday, June 10, 2025 12:15 PM (45 minutes)

I will present our recent (ongoing) work on understanding blast in cold gas of hard discs in two dimensions. We are able to make some theoretical estimates for quantities of interest in the hydrodynamic limit and test them using simulations.

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