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Cloudy with a Chance of Rain: Accretion Braking of Cold Clouds

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I discuss how turbulent mixing layers in infalling cold clouds serves as a drag force which can be more efficient than standard hydrodynamic drag. In a gravitational field, this leads to a terminal velocity which is smaller than standard terminal velocity, and can explain the sub-virial infall of filaments seen in galaxy clusters.

Author: OH, S. Peng (UCSB)

Presenter: OH, S. Peng (UCSB)

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