

Contribution ID: 54

Type: **not specified**

Dynamics of a turbulent, multiphase medium (via Zoom)

Tuesday 16 August 2022 16:10 (25 minutes)

In this talk, I want to describe what sets the mass transfer between the phases in a turbulent, multiphase medium. I will show analytic and simulation results which suggest (i) a “survival criterion”, (ii) mass growth rates, and (iii) a power-law mass function of the cold gas.

Author: GRONKE, Max (MPA)

Co-author: OH, S. Peng (UCSB)

Presenter: GRONKE, Max (MPA)

Session Classification: Tuesday afternoon: Thermal instability & multiphase ICM