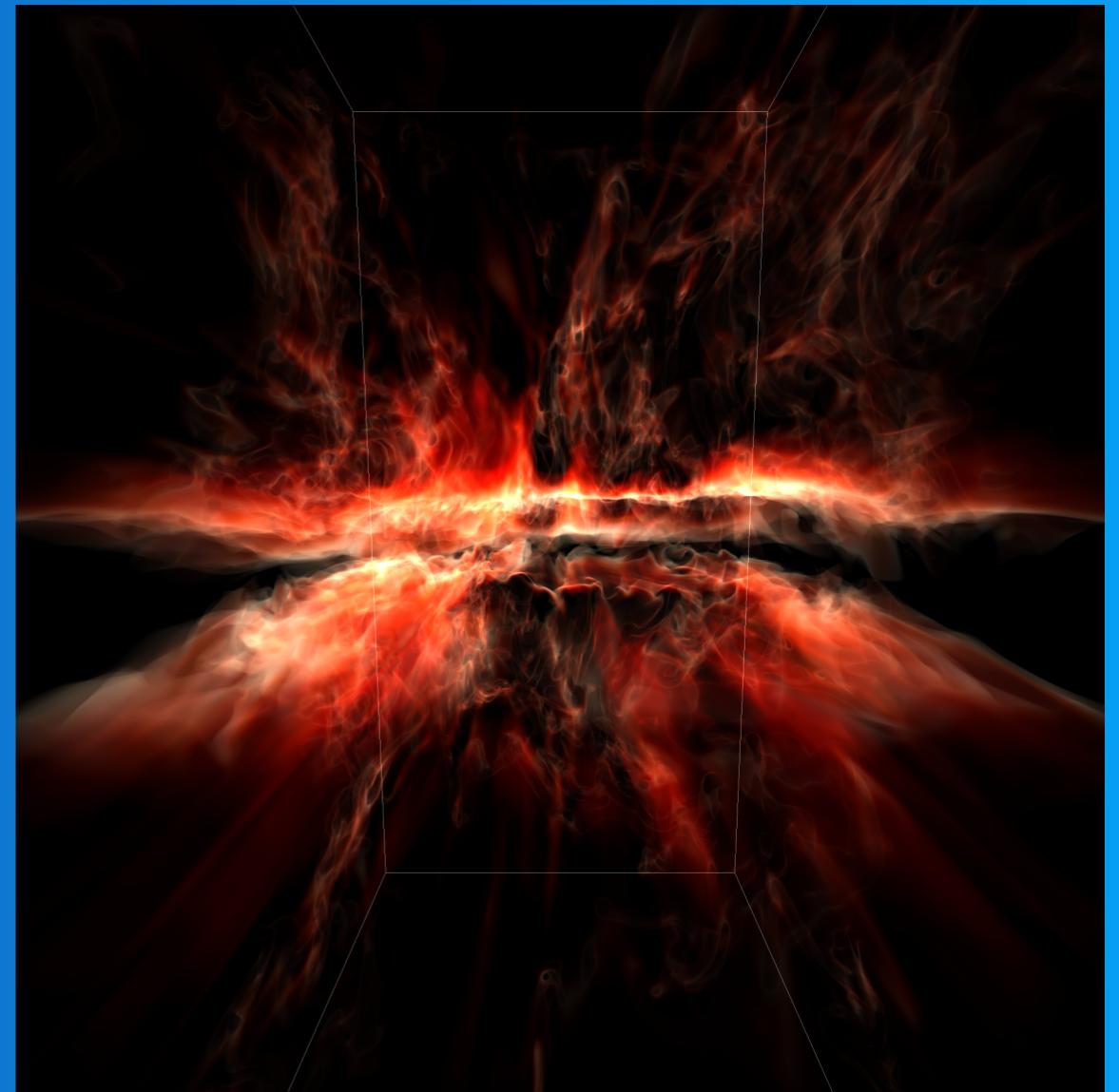
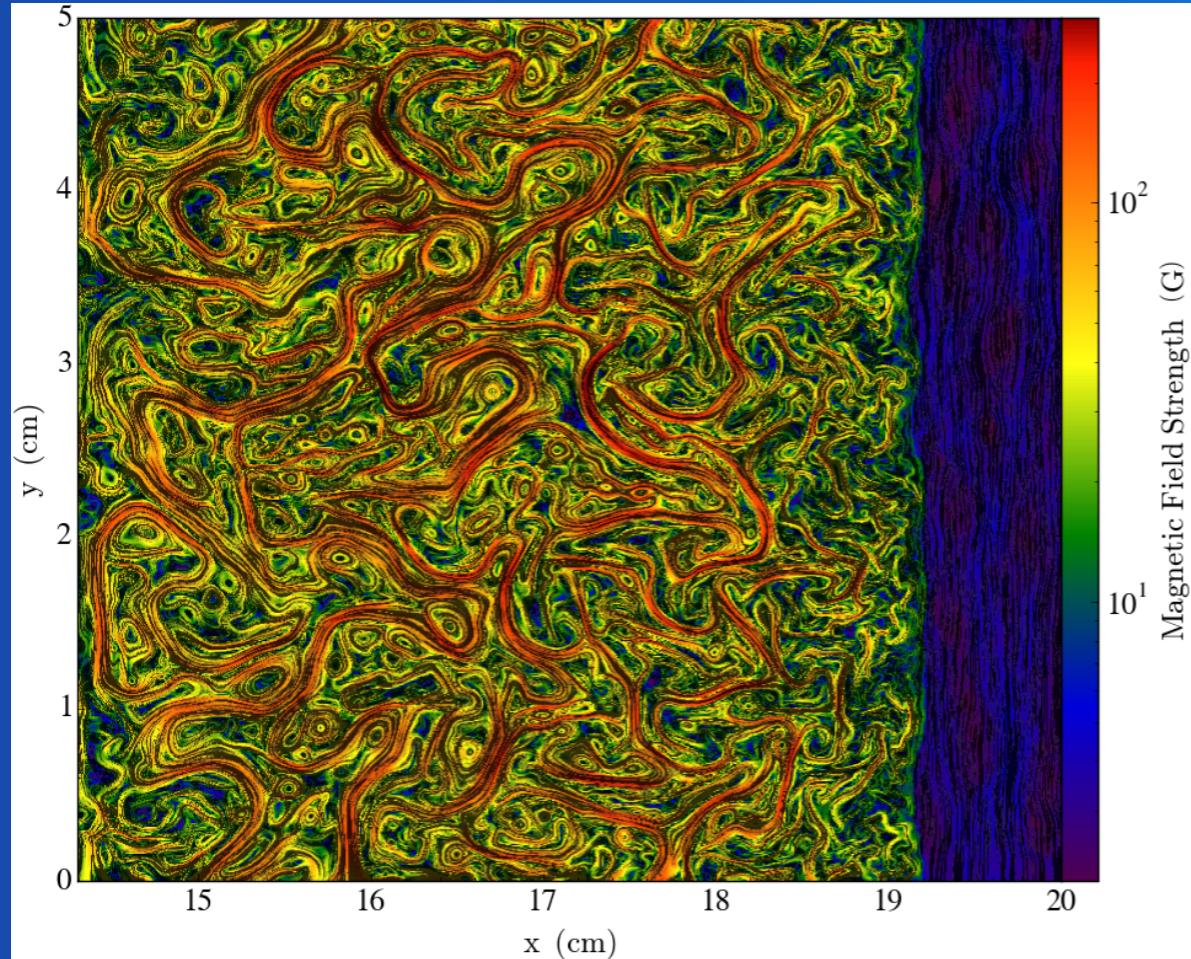


# Bringing more physics to non-cosmological simulations

Suoqing Ji (UCSB)



- Amplification of B-fields at shocks in turbulence
- Formation of B-field strength and geometry in **supernova remnants** and **ICM outskirts**
- Ji, Oh, Ruszkowski & Markevitch, 2016  
(<http://arxiv.org/abs/1603.08518>)
- Enhancement of thermal instability in stratified medium by B-fields
- Origin of **cold gas** and **B-fields** in **galaxy halos**
- Ji, McCourt & Oh, in prep