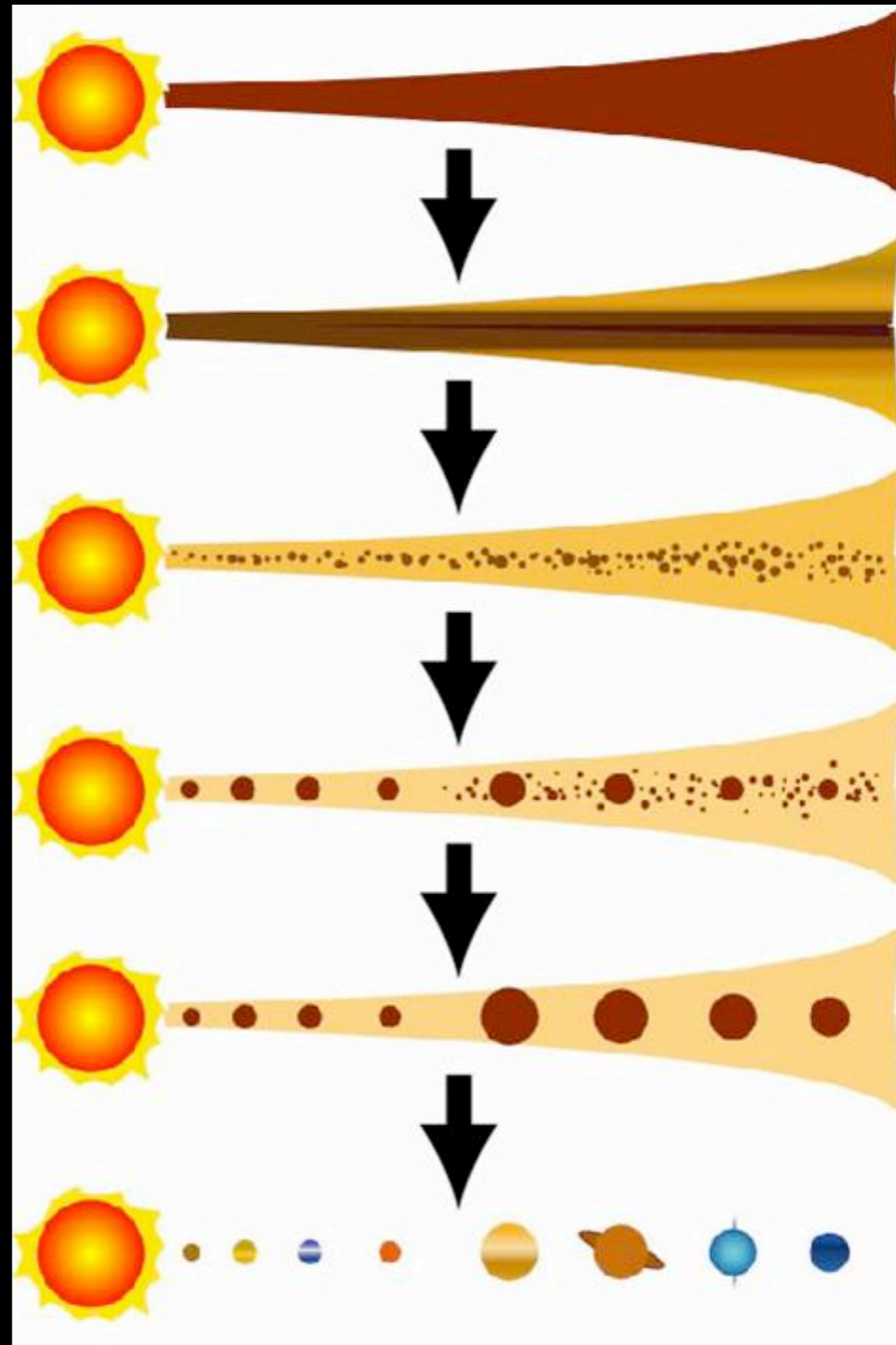


Planet Formation

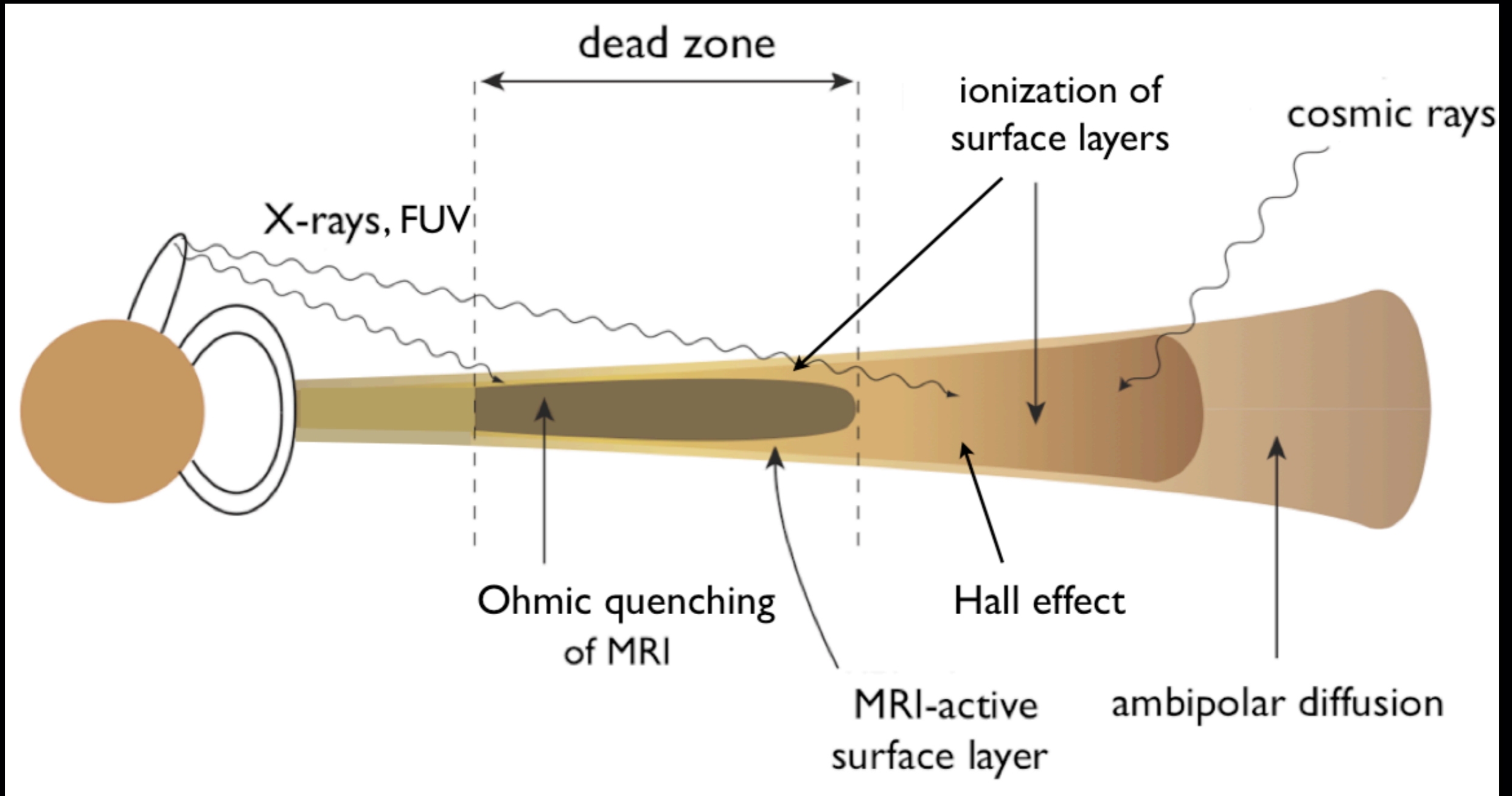
Gas disk (with some dust)

What happens
in between???

Planetary system



Disks are turbulent from magnetorotational instability (MRI), but low ionization regions strongly affect this turbulence



I will run simulations of several “local” disk patches with different ionization levels to study the nature of planet formation processes in the presence of MRI turbulence.

