

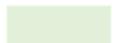
Mixture Fluid with 3 phases



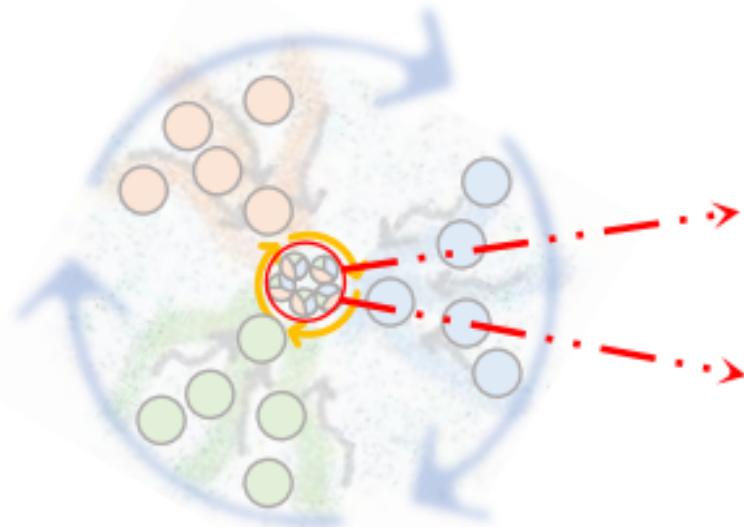
Phase 1



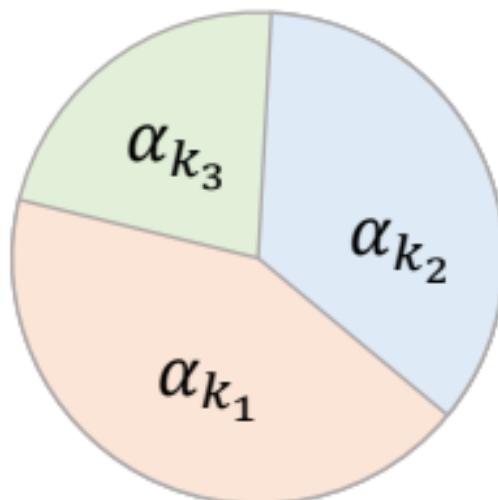
Phase 2



Phase 3



Mixture Fluid



*A Mixture Fluid
Particle*

$$\alpha_{k_1} + \alpha_{k_2} + \alpha_{k_3} = 1$$