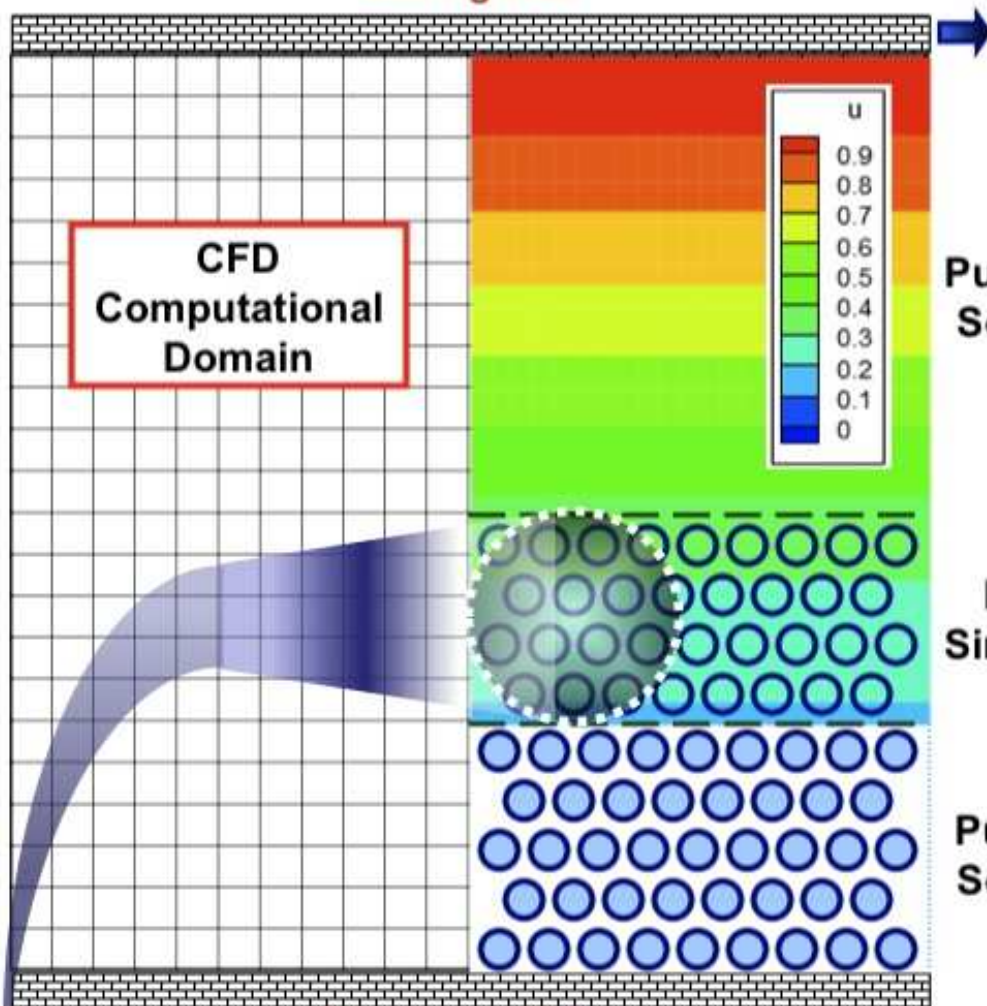


**Moving Wall**

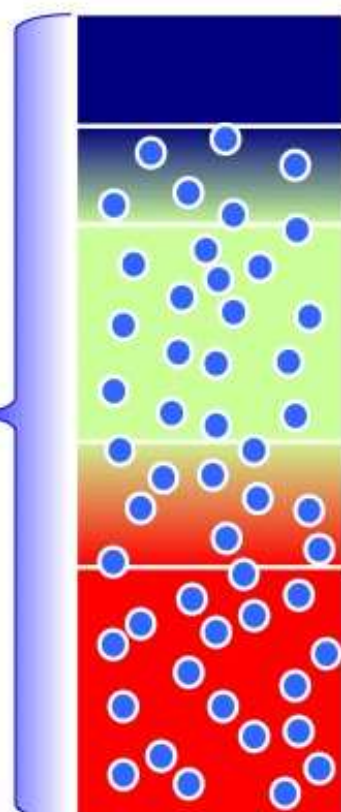


**Pure CFD Solution**

**Hybrid Simulation**

**Pure MD Solution**

**Stationary Wall**



**External Force**

Artificial Force to Strap Particles within Domain

**Buffer**

**CFD to MD**

Constrained MD Equation Imposed

**Buffer**

**MD to CFD**

Particle Dynamics Imposed as BC for Continuum Approach