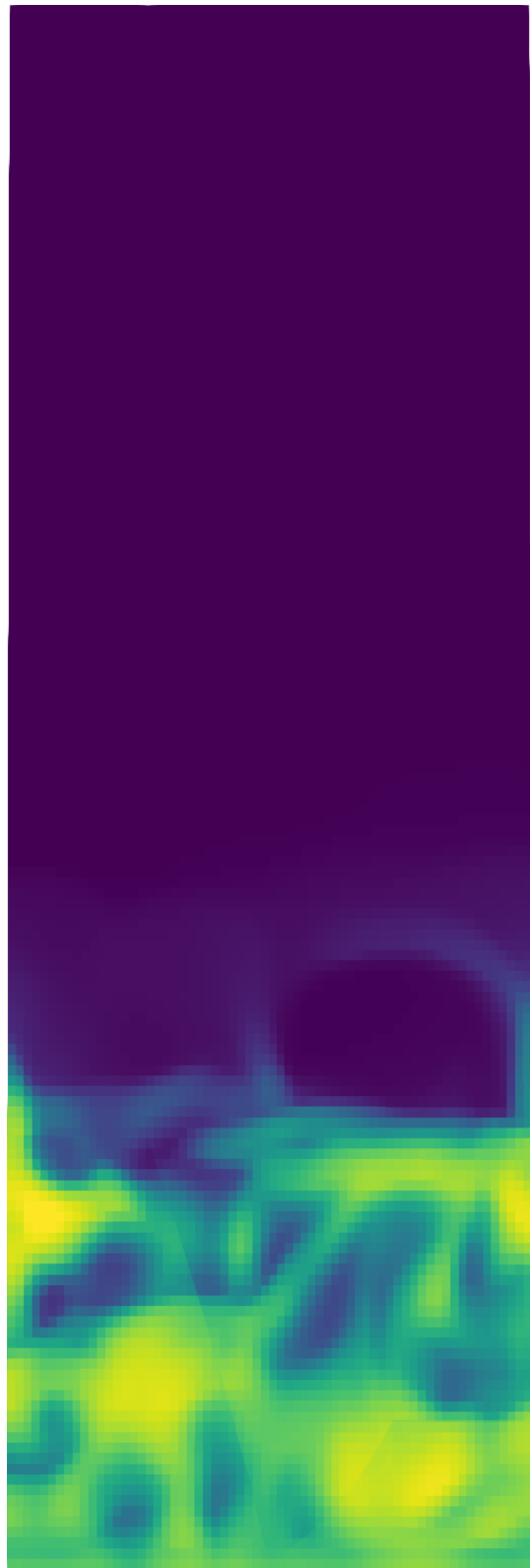


**(a)** Time = 5 s



**(b)** Time = 10 s



**(c)** Time = 15 s



**(d)** Time = 20 s



**(e)** Time = 25 s



Particle volume fraction  $\alpha_p$  (-)