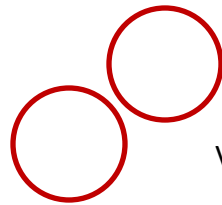


Wall
No-slip condition
 $\mathbf{u} = 0$



Particles
Velocity boundary
condition
 $\mathbf{u} = u_1 \mathbf{e}_x + u_2 \mathbf{e}_y$

Obtain the flow field governed
by the incompressible Navier-
Stokes equation