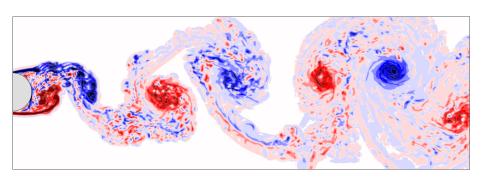
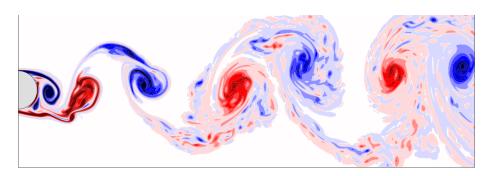
Spanwise-averaged Navier-Stokes equations: $\langle 3\text{-}\mathrm{D} \rangle = 2\text{-}\mathrm{D} + \mathcal{S}^R$

 $\langle 3-D \rangle \ (t_0^*)$



2-D
$$(\Delta t^* = 2)$$



$$SANS : 2-D + S^R (\Delta t^* = 2)$$

