## Computational Fluid Dynamics Comsol Tutorial: 2D cylinder flow Lecture 3

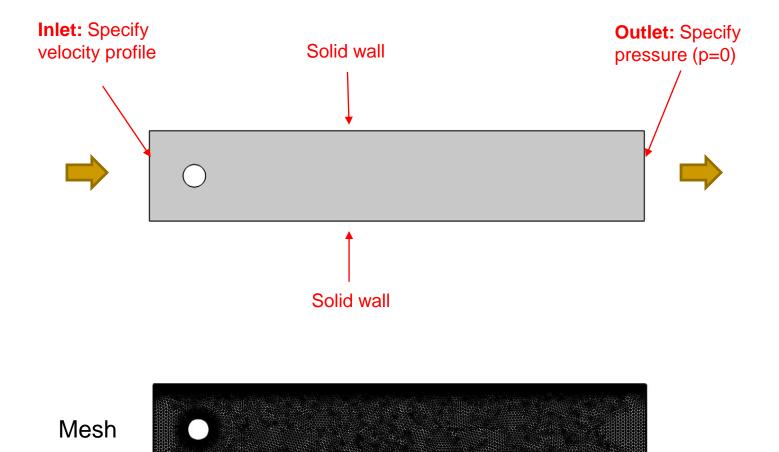
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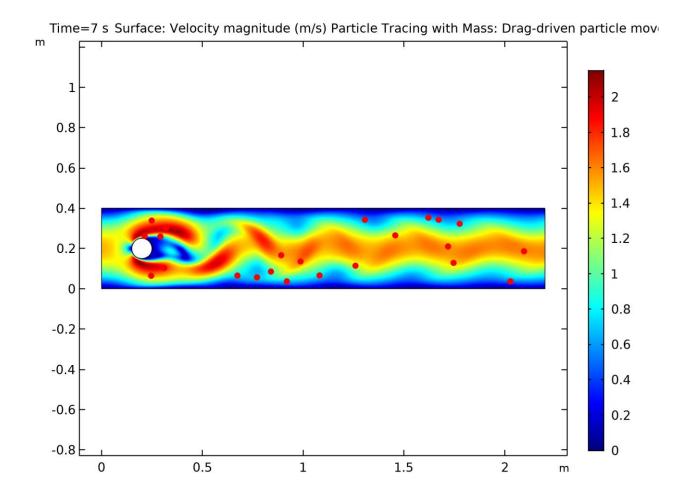
## Comsol Tutorial: 2D cylinder flow



## Learning outcome the mandatory lab

- ☐ Get experience to Comsol by following a step by step manual
- ☐ Learn how to set up and run flow simulations
- ☐ Learn how to generate mesh
- ☐ Learn how to plot results





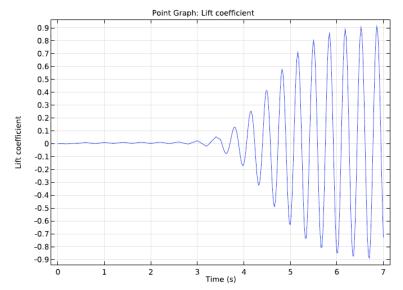


Figure 2: Lift coefficient,  $C_{\rm L}$ , as a function of time.

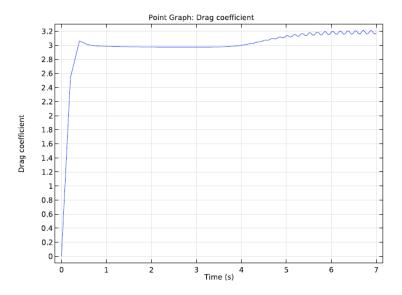


Figure 3: Drag coefficient,  $C_{\mathrm{D}}$ , as a function of time.

## **End of lecture**