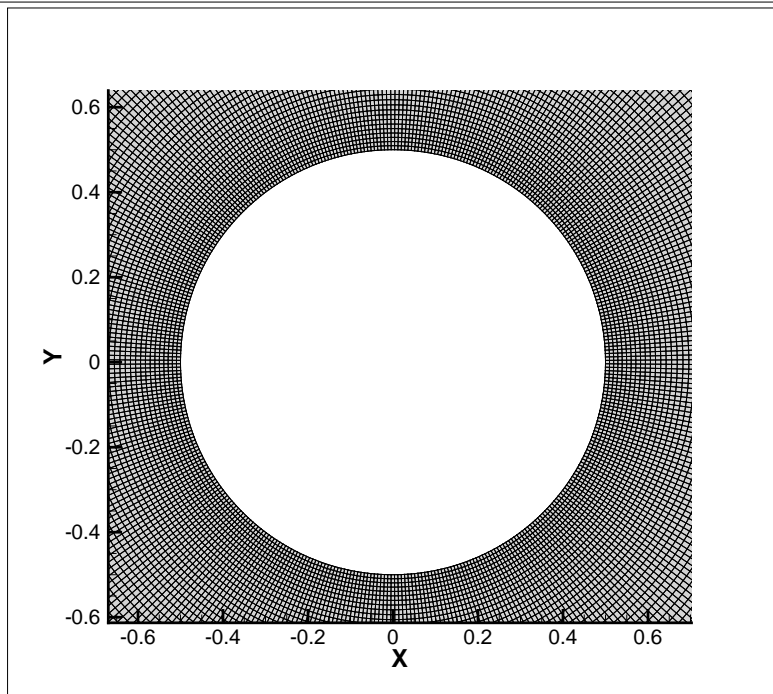
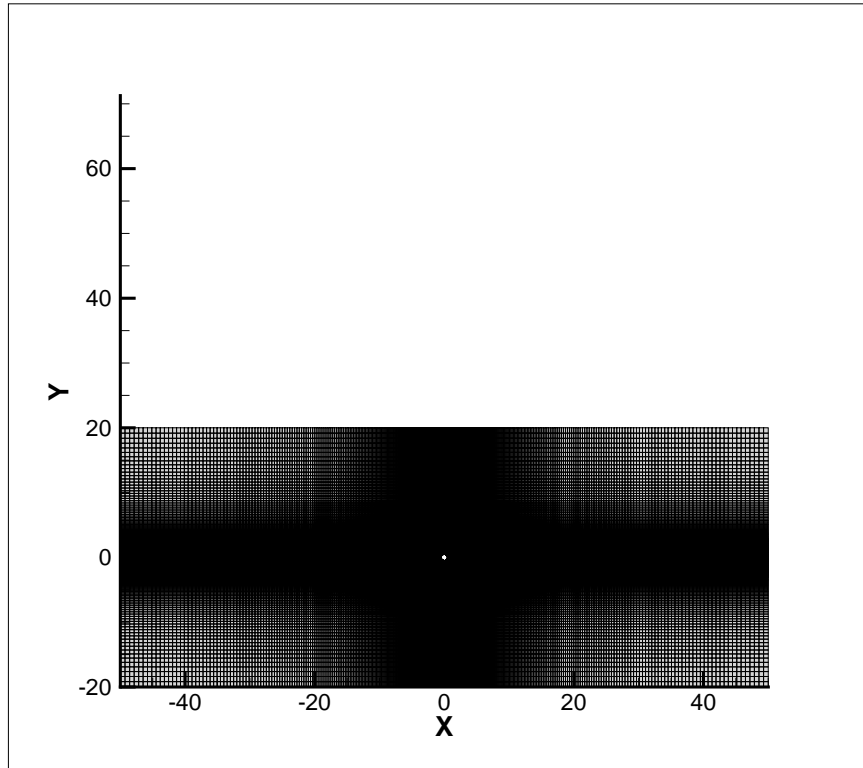


1 Grid Configuration

Number of cells = 107,612

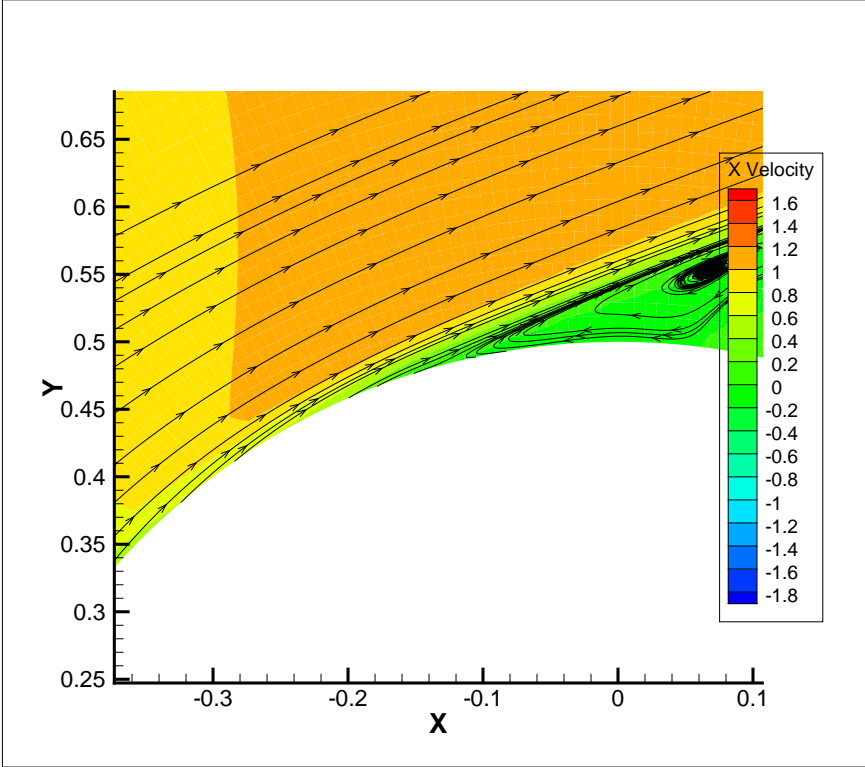
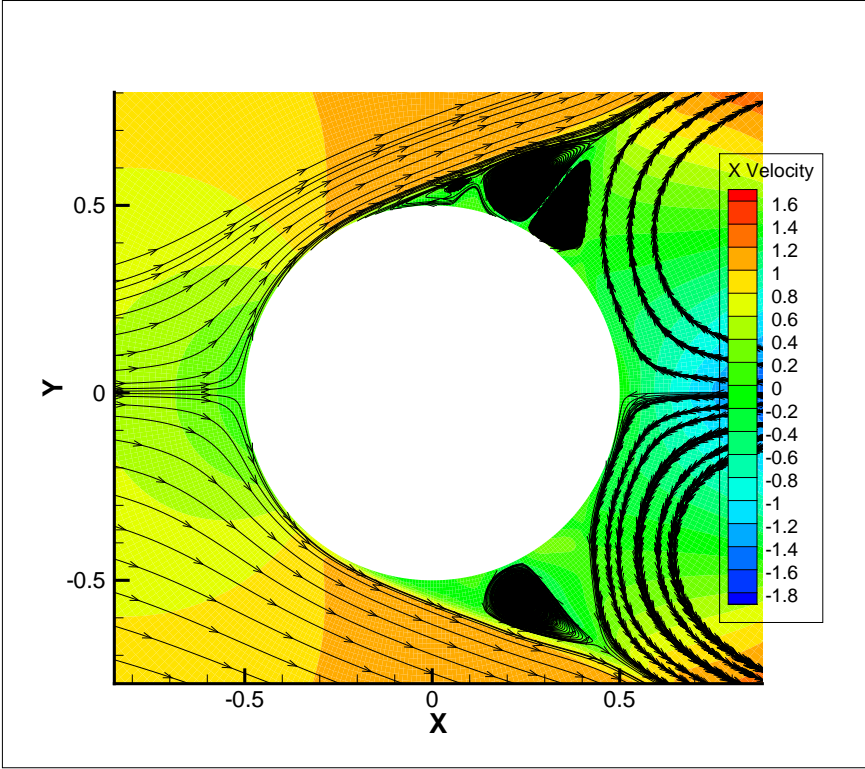
Run time (for Solution time up to 10s on a single CPU) = 11h



Global Grid (top) and Local Grid (bottom)

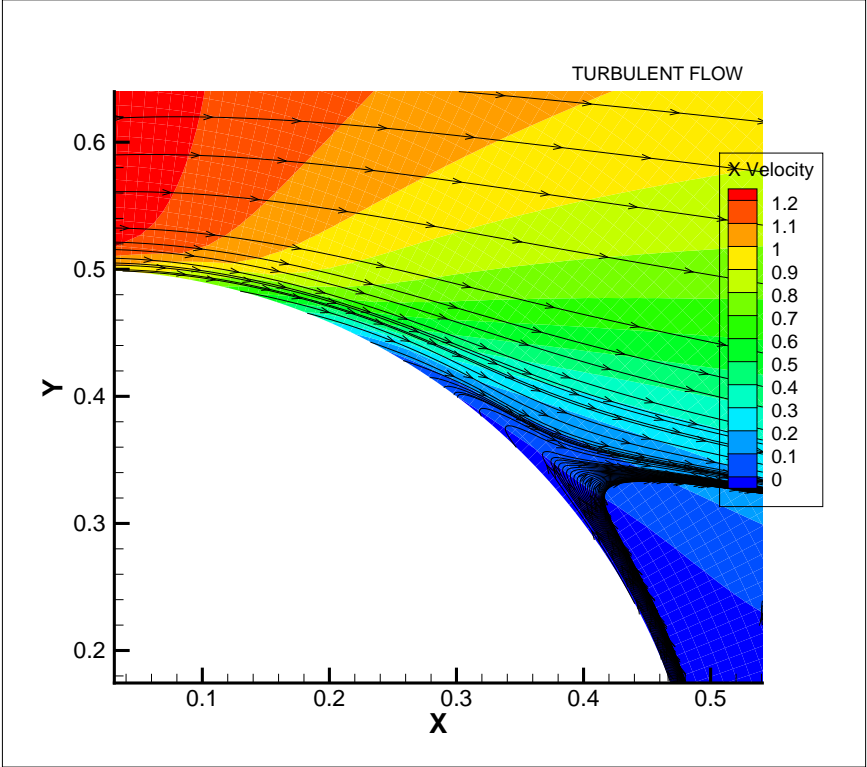
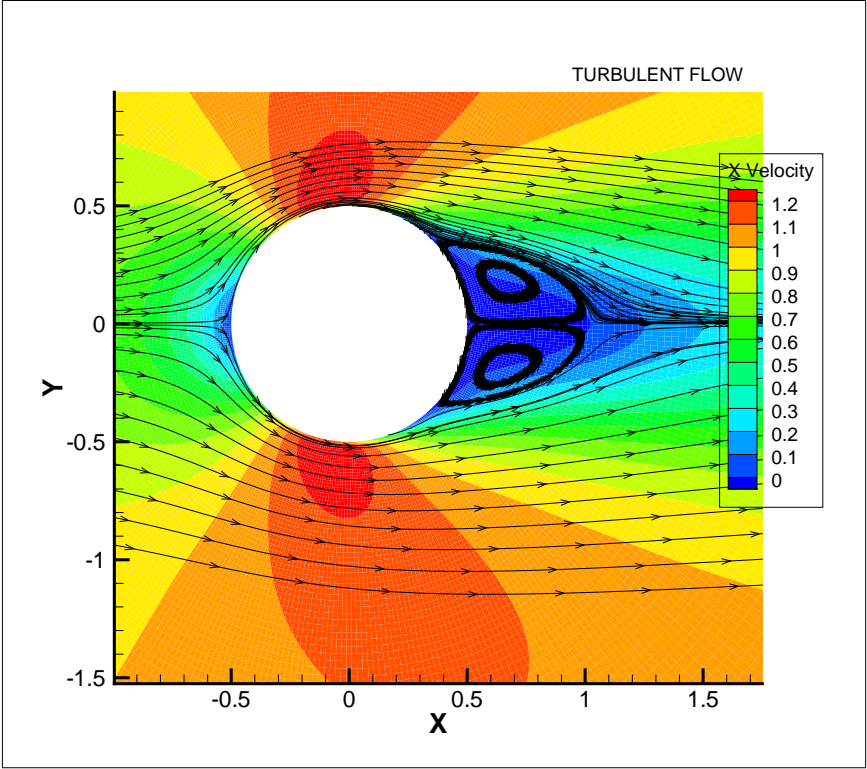
2 LAMINAR FLOW

Re = 10e4



3 TURBULENT FLOW

$Re = 5 * 10^6$



4 Velocity Profiles

