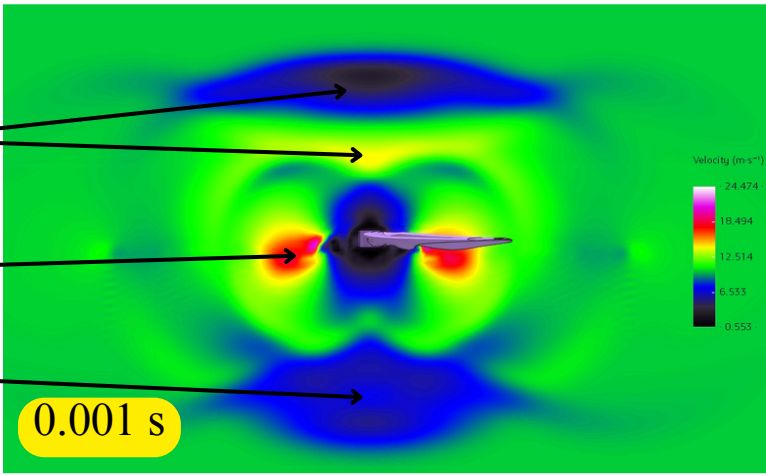


Toroidal Propeller - 20° - 10 m/s

Symmetrical flow pattern

High-velocity region

Downwash effects

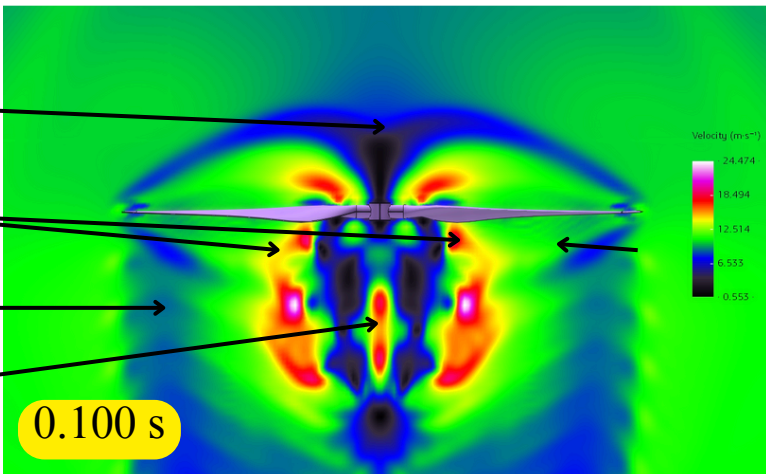


Stable airflow

Starting to impart momentum/foppl vortices

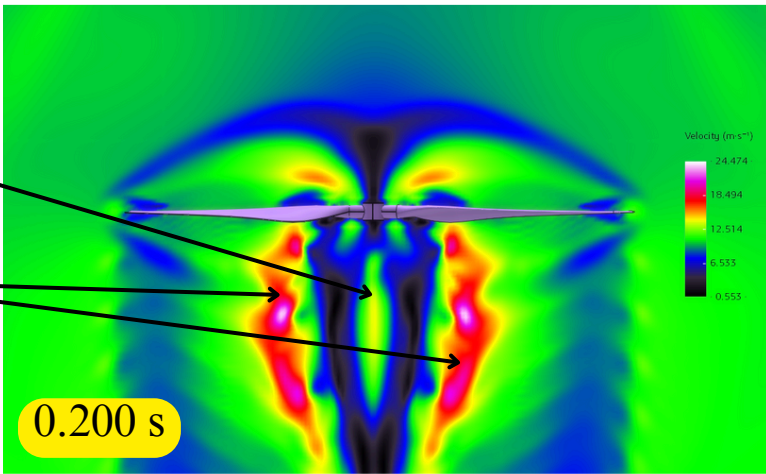
Stable velocity at the tip

Vortex Formation



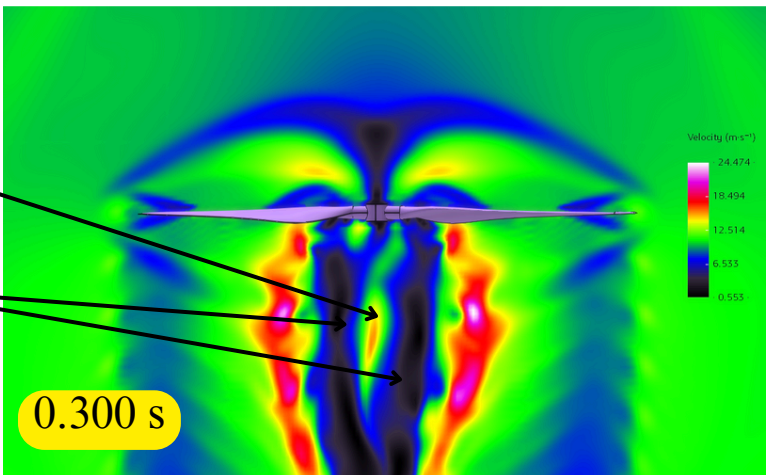
High vortex structure is not present

Well-defined momentum transfer



Small part of vortex developed

Turbulence development starts



Long decaying vortex region

Vortex and wake dissipation begins

Shear layer formation

