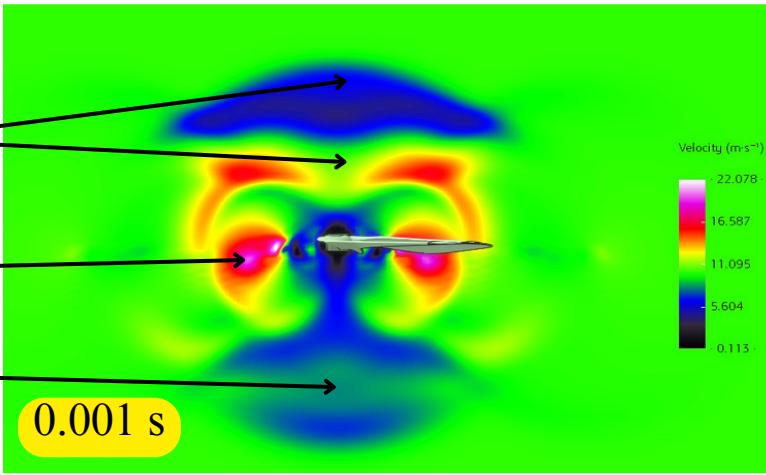


Toroidal Propeller - 27.5° - 10 m/s

Symmetrical flow pattern

High-velocity region

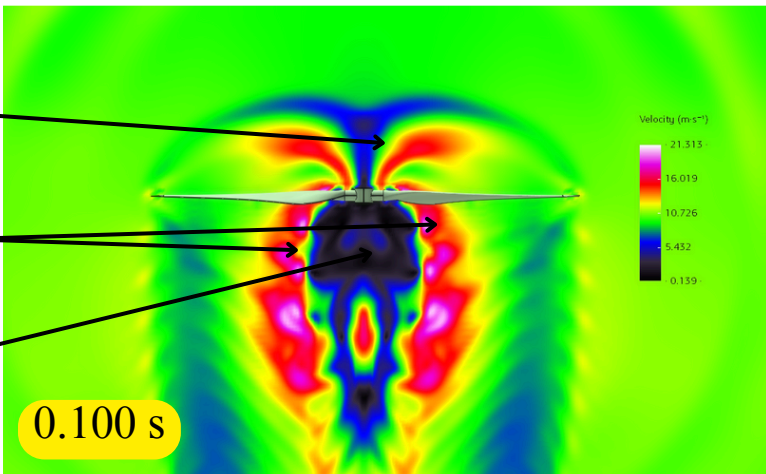
Downwash effects



Stable airflow at the top

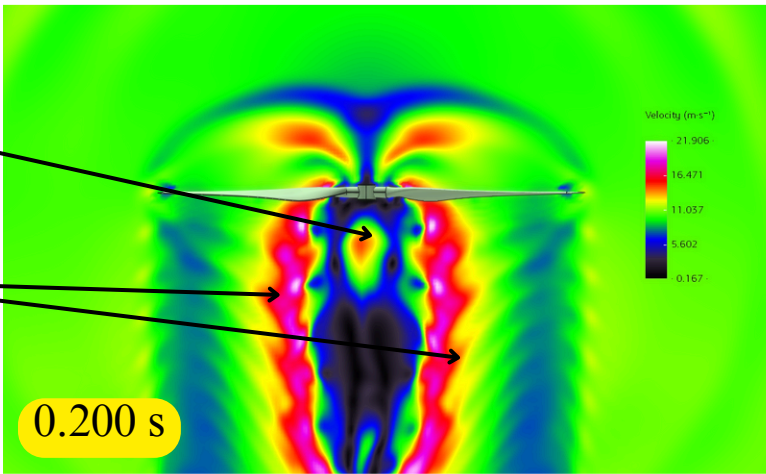
Starting to impart momentum (High)/foppl vortices

Wake zone (Low)



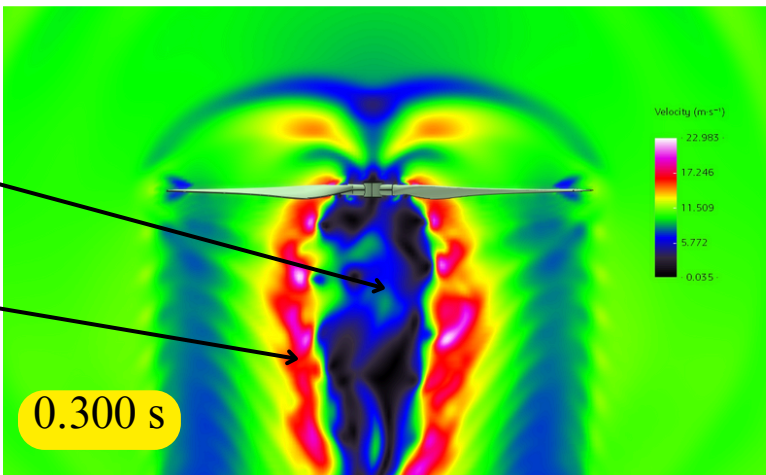
Vortex became bigger

Well-defined momentum transfer



Wake turbulence is high, no vortex formed

Slightly decrease of momentum transfer



Stable thrust region at the tips

Break of the vortex

Reduced turbulence intensity

